HST-D5

SERVICE MANUAL

AEP Model
UK Model
E Model

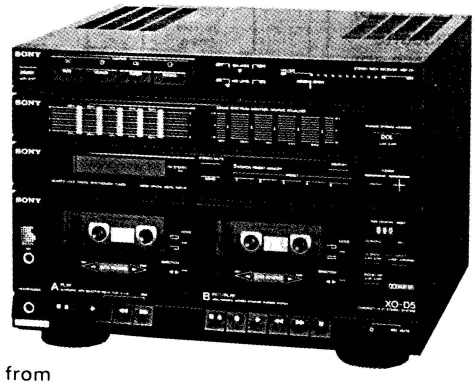


Photo: UK model

Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
"DOLBY" and the double-D symbol ⊡⊡ are trademarks of Dolby Laboratories Licensing Corporation.

This set is the stereo deck receiver in XO-D5 (UK, E model) and/or XO-D5CD (UK model only).

SPECIFICATIONS

Model Name Using Similar Mechanism	new	
Tape Transport Mechanism Type	Deck-A	TCM-852FS
	Deck-B	TCM-881F

Amplifier section

Peak music power output (E, Saudi Arabia model)
510 watts (6 ohms, at 300 Hz)
Continuous RMS power output (AEP, UK model)
45 + 45 watts (6 ohms, at 1 kHz, 5% THD)

Inputs	Sensitivity	Impedance
PHONO (phono jacks)	3.5 mV	50 kilohms
CD/AUX (phono jacks)	500 mV	50 kilohms
MIC (phone jack)	1 mV	Low impedance

Outputs

HEADPHONES (stereo phone jack)	Accepts low impedance headphones 10 mW (8 ohms)
SPEAKER	Accepts speakers of 6 to 16 ohms

Tuner section

System FM stereo, FM/AM superheterodyne tuner
Quartz-locked PLL digital synthesizer system

FM tuner

Tuning range	87.5 – 108 MHz
Antenna terminals	75 ohms unbalanced
Intermediate frequency	10.7 MHz
Signal-to-noise ratio	70 dB (mono) 65 dB (stereo)

SW/MW tuner (E, Saudi Arabia model)

	SW1	SW2	MW
Tuning range	3.2 – 7.3 MHz	9.5 – 21.75 MHz	531 – 1602 kHz (at 9 kHz step)
Antenna	External antenna terminal		
Intermediate frequency	450 kHz		

MW/LW tuner (AEP, UK model)

	MW	LW
Tuning range	522 – 1611 kHz	144 – 288 kHz
Antenna	External antenna terminal	
Intermediate frequency	450 kHz	

– Continued on page 2 –

0 dB = 0.775 V (AF)
0 dB = 1 μV (RF)

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

COMPACT HI-FI STEREO SYSTEM

SONY®

MICROFILM

AUD

Deck section

Recording system 4-track 2-channel stereo

Frequency response

With Type I cassette
40 – 14,000 Hz (±3 dB)
With Type IV cassette
40 – 15,000 Hz (±3 dB)

Noise reduction Dolby NR B system

General

Power requirements

AEP model: 220 V AC, 50/60 Hz
UK model: 240 V AC, 50 Hz
E, Saudi Arabia model: 120, 220 or 240 V, switchable, 50/60 Hz

Power consumption

AEP model: 120 W
UK model: 250 W
E, Saudi Arabia model: 130 W

AC outlet 1 switched, 100 watts max. (AEP, UK model)
1 unswitched, 100 watts max. (E3, Saudi Arabia model)

Dimensions Approx. 355 x 259 x 345 mm (w/h/d) (14 x 10¼ x 13⅝ inches)

Weight Approx. 8.6 kg (19 lb)

WARNING !!

ADVARSEL!
Lithiumbatteri – Eksplosionsfare
Udskiftning må kun foretages af en sagkyndig, og som beskrevet i servicemanualen.

LITHIUM BATTERY

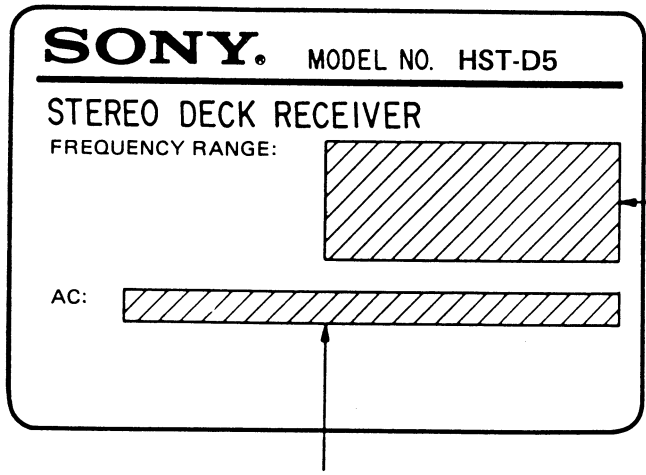
SHOULD ONLY BE CHANGED BY TECHNICAL PERSONNEL. THERE IS A RISK FOR EXPLOSION AT A WRONG HANDLING.

"Batteriet må kun udskiftes med et batteri af samme fabrikat og type".

Because of the risk for explosion the battery must be replaced with the same type and manufacture.

MODEL IDENTIFICATION

– Specification Label –



E, Saudi Arabia model:
FM 87.5–108 MHz
MW 531–1,602 kHz
SW1 3.2–7.3 MHz
SW2 9.5–21.75 MHz

AEP, UK model:
FM 87.5–108 MHz
MW 522–1,611 kHz
LW 144–288 kHz

E, Saudi Arabia model: 120, 220, 240 V ~ 50/60 Hz 130 W
UK model: 240 V ~ 50 Hz 250 W
AEP model: 220 V ~ 50/60 Hz 120 W

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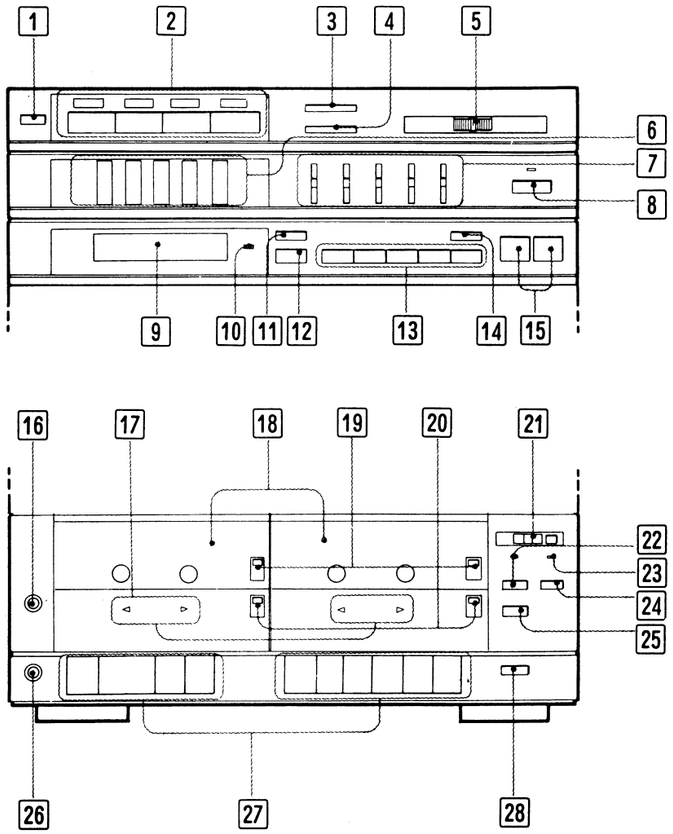
LOCATION AND FUNCTION OF PARTS AND CONTROLS



1 POWER switch

2 FUNCTION select buttons and indicators
TAPE: Outputs Tape deck A or Tape deck B.
CD/AUX: Outputs source connected to rear panel CD/AUX input.
TUNER: Outputs radio programs.
PHONO: Outputs phonograph records played on the turntable.

3 BALANCE control
Changes relative strength of right and left speaker output. Use to correct stereo imaging, especially when speaker position is not symmetrical.

4 MIC LEVEL control
Slide rightward to mix microphone sound with source. Set to MIN when microphone is not in use.

5 VOLUME control

6 5 BAND SPECTRUM ANALYZER
Visually displays output by frequency band. Use to help make equalizer adjustments.

7 5 BAND GRAPHIC EQUALIZER controls
Allows sophisticated tone control.

8 DOL (DYNAMIC OPTIMUM LOUDNESS) button and indicator
Use to obtain powerful bass sound at low listening levels.

9 Tuning display
Displays the selected frequency and band, and preset number during memory preset tuning.

10 FM STEREO indicator

11 STEREO/MUTE button
With this button depressed, stereo broadcasts are received in the stereo mode, with interstation noises muted during tuning.

12 BAND selector

13 PRESET station selectors

14 MEMORY button

15 TUNING + and – buttons
Use to change radio stations.
Press + to move to a higher frequency; press – to move to a lower frequency.
Hold the button down for continuous frequency change.

16 MIC (microphone) jack (phone jack)

17 REV/FWD (Reverse/Forward) indicators
Indicate tape play direction.

18 Cassette decks A & B

19 Tape MODE selectors
Selects the tape transport mode for recording and playback.

20 DIRECTION selectors
Use to set forward or reverse direction play of either deck.

21 TAPE COUNTER and RESET button (for deck B only)

22 DUBBING button and indicator
Press this button to dub from deck A to deck B. The indicator will light.

23 REC (recording) indicator
Lights to show recording is in progress.

24 Dubbing SPEED button
Allows selection of high speed tape dubbing.

25 DOLBY NR button

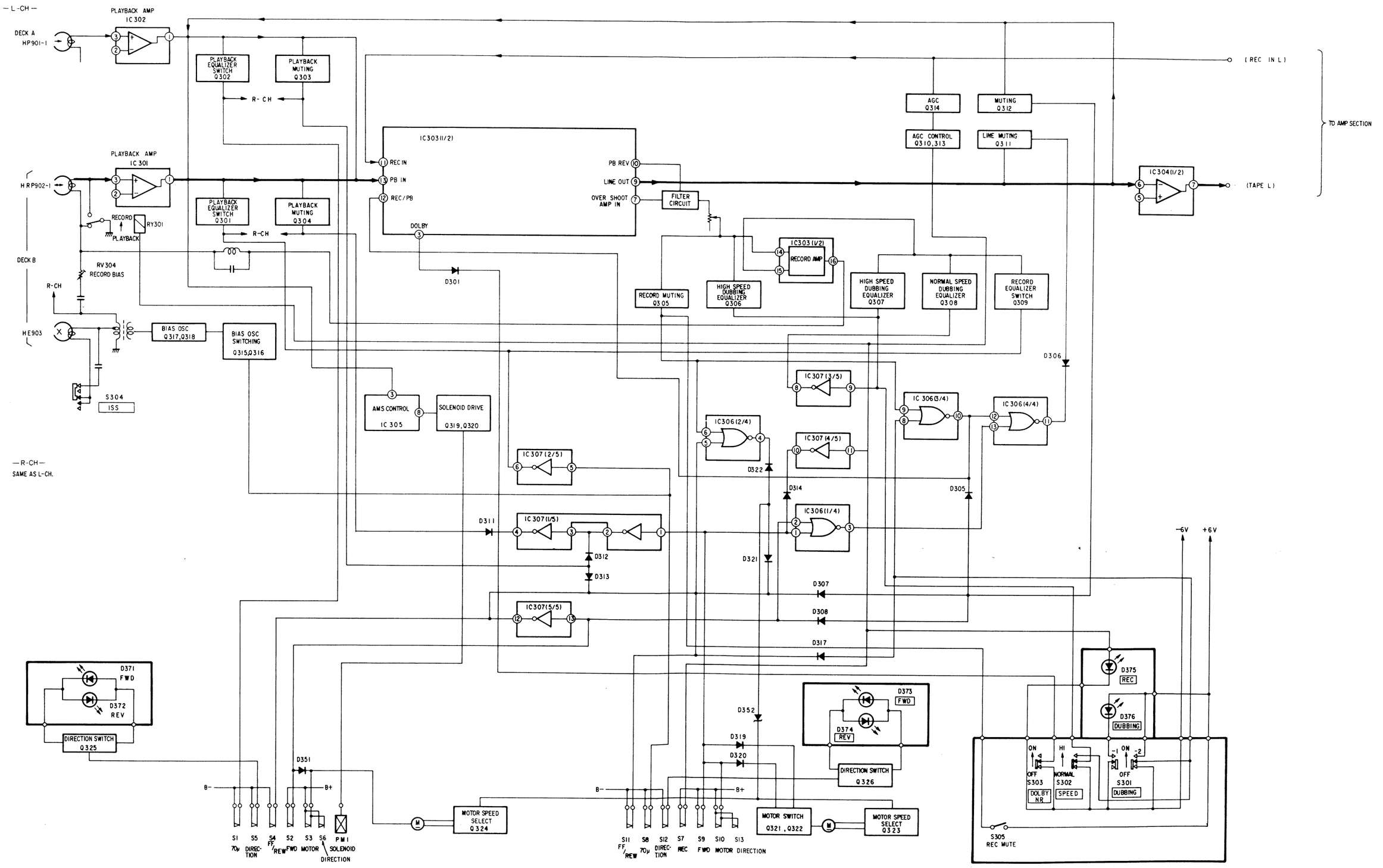
26 HEADPHONES jack (stereo phone jack)

27 Tape operation buttons
■⏏ (stop/eject) button
● (record) button (deck B only)
▶ (playback) button
◀◀ (leftward fast winding) button
▶▶ (rightward fast winding) button
❚❚ (pause) button (deck B only)

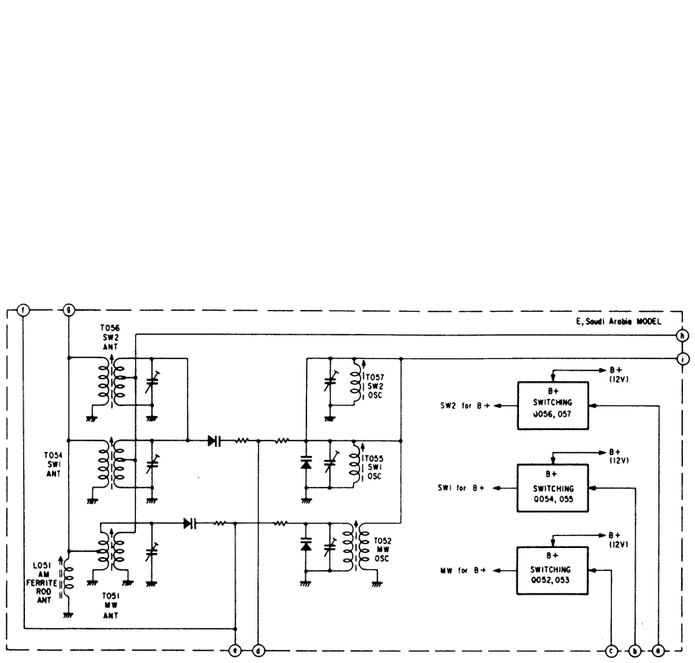
28 REC MUTE (record muting) button
Use to insert a blank space on a tape during recording.

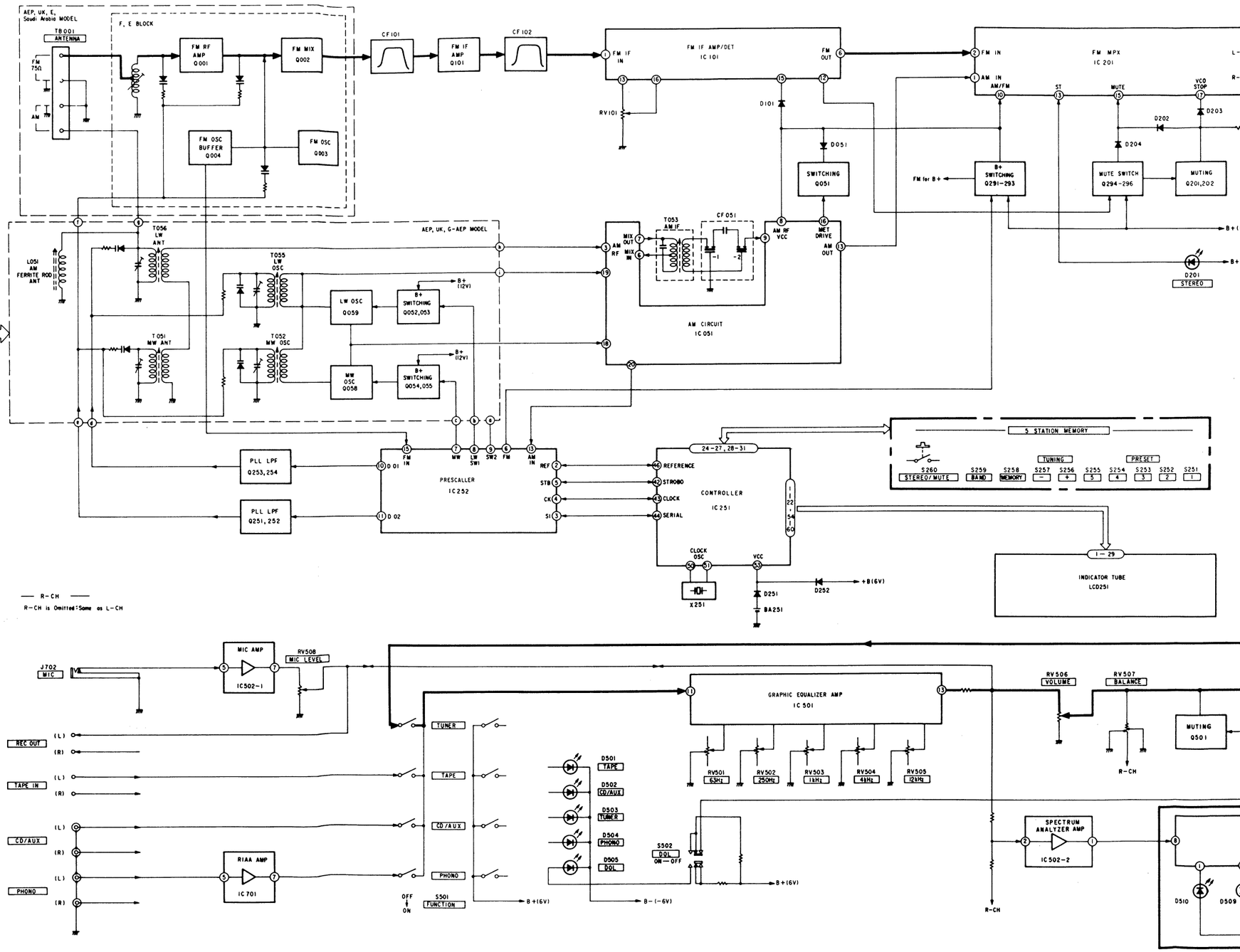
SECTION 1
BLOCK DIAGRAMS

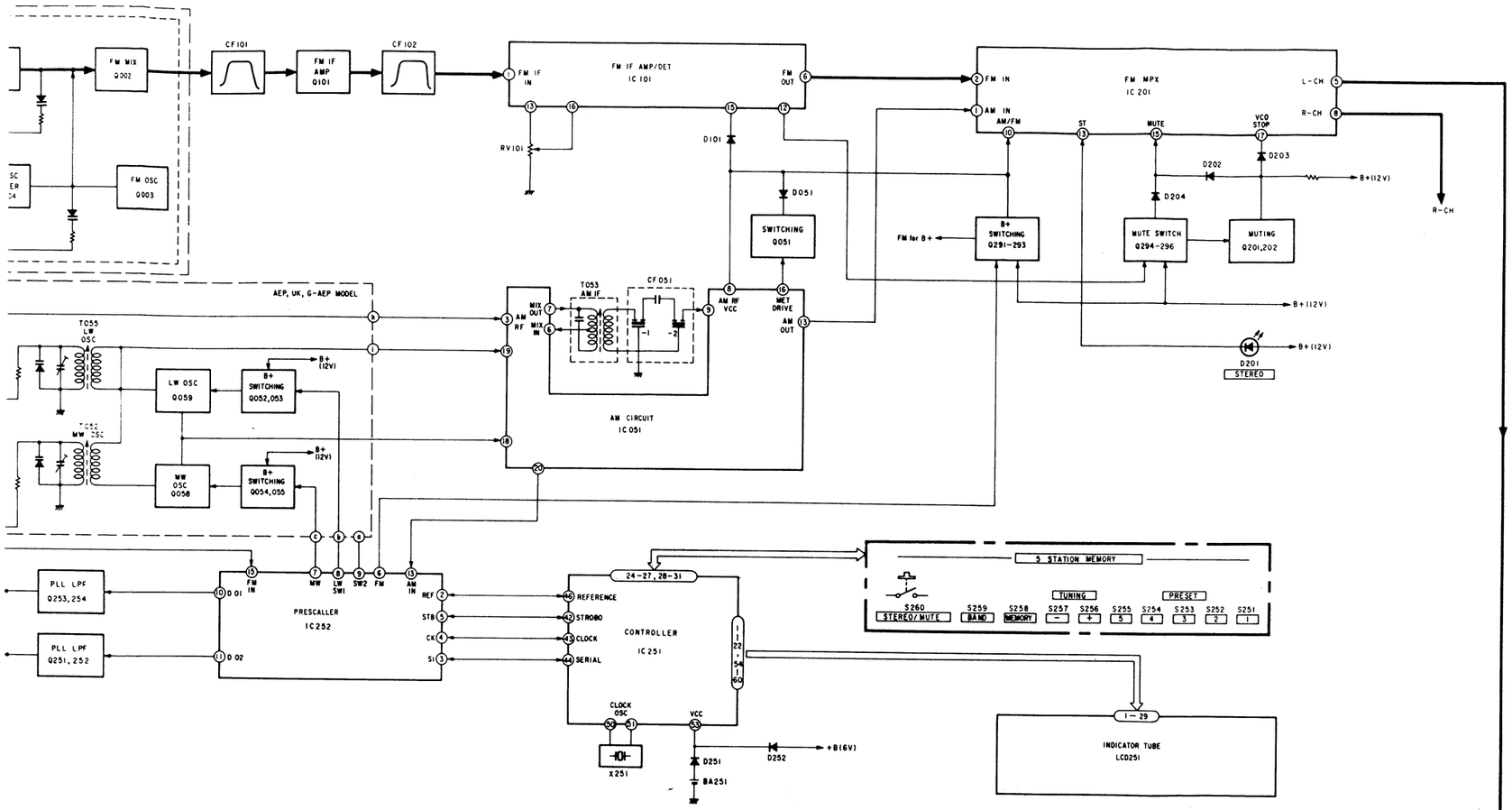
— DECK SECTION —

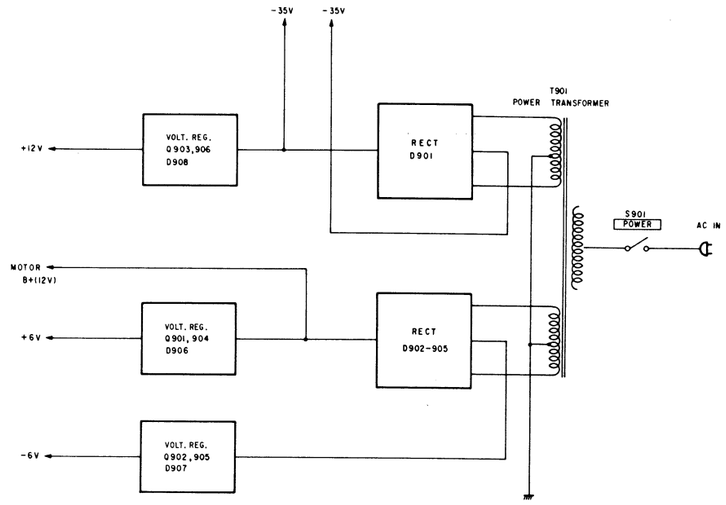


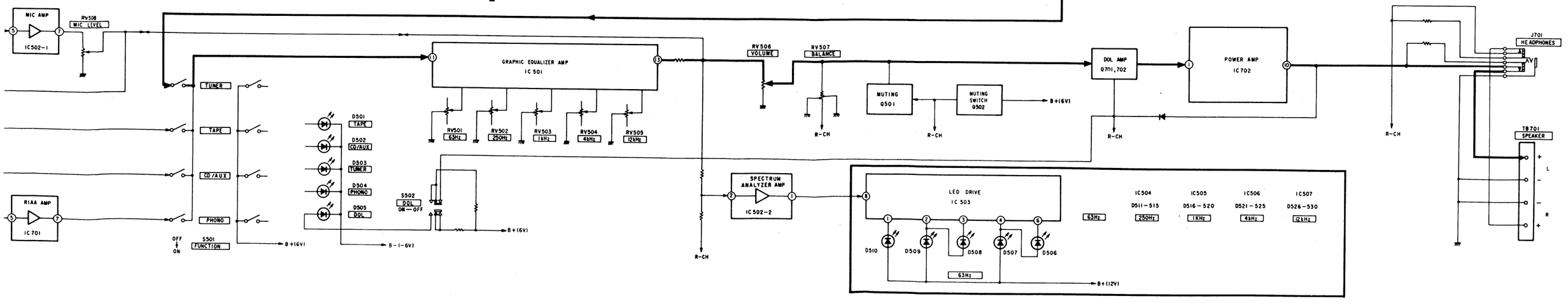
– TUNER, GRAPHIC EQUALIZER SECTION –






FM MIX Q002
CF101
FM IF AMP Q101
CF102
FM IF AMP/DET IC 101
FM IF IN
FM OUT
RV101
D101
D051
SWITCHING Q051
FM OSC Q003
FM MPX IC 201
FM IN
AM IN
AM/FM
ST
MUTE
VCO STOP
L-CH
R-CH
D202
D203
D204
B+(12V)
FM for B+
B+ SWITCHING Q291-293
MUTE SWITCH Q294-296
MUTING Q201,202
D201 STEREO
AEP, UK, G-AEP MODEL
TO55 LW OSC
TO52 MW OSC
LW OSC Q059
MW OSC Q058
B+ SWITCHING Q052,053
B+ SWITCHING Q054,055
TO53 AM IF
CF051
AM RF
MIX OUT
MIX IN
AM IF VCC
MET DRIVE
AM OUT
AM CIRCUIT IC 051
PLL LPF Q253,254
PLL LPF Q251,252
PRESCALLER IC 252
FM IN
MW
LW SW1
SW2
FM
AM IN
REF
STB
CK
SI
24-27,28-31
REFERENCE
STROBO
CLOCK
SERIAL
CONTROLLER IC 251
CLOCK OSC
VCC
X251
D251
BA251
D252
+B(6V)
1-22 + 54-60
1-29
INDICATOR TUBE LCD251
5 STATION MEMORY
TUNING
PRESET
S260 STEREO/MUTE
S259 BAND
S258 MEMORY
S257 -
S256 +
S255 5
S254 4
S253 3
S252 2
S251 1


-35V
-35V
T901 POWER TRANSFORMER
+12V
VOLT. REG. Q903,906 D908
RECT D901
S901 POWER
AC IN
MOTOR B+(12V)
+6V
VOLT. REG. Q901,904 D906
RECT D902-905
-6V
VOLT. REG. Q902,905 D907


MIC AMP IC502-1
RV508 MIC LEVEL
TUNER
TAPE
CD/AUX
PHONO
RIAA AMP IC 701
OFF ON
S501 FUNCTION
B+(6V)
B-(-6V)
D501 TAPE
D502 CD/AUX
D503 TUNER
D504 PHONO
D505 DOL
S502 DOL ON-OFF
GRAPHIC EQUALIZER AMP IC 501
RV501 63Hz
RV502 250Hz
RV503 1kHz
RV504 4kHz
RV505 12kHz
RV506 VOLUME
RV507 BALANCE
MUTING Q501
MUTING SWITCH Q502
R-CH
SPECTRUM ANALYZER AMP IC 502-2
LED DRIVE IC 503
D510
D509
D508
D507
D506
63Hz
B+(12V)
IC504 D511-515 250Hz
IC505 D516-520 1kHz
IC506 D521-525 4kHz
IC507 D526-530 12kHz
DOL AMP Q701,702
POWER AMP IC 702
J701 HEADPHONES
TB701 SPEAKER
L
R

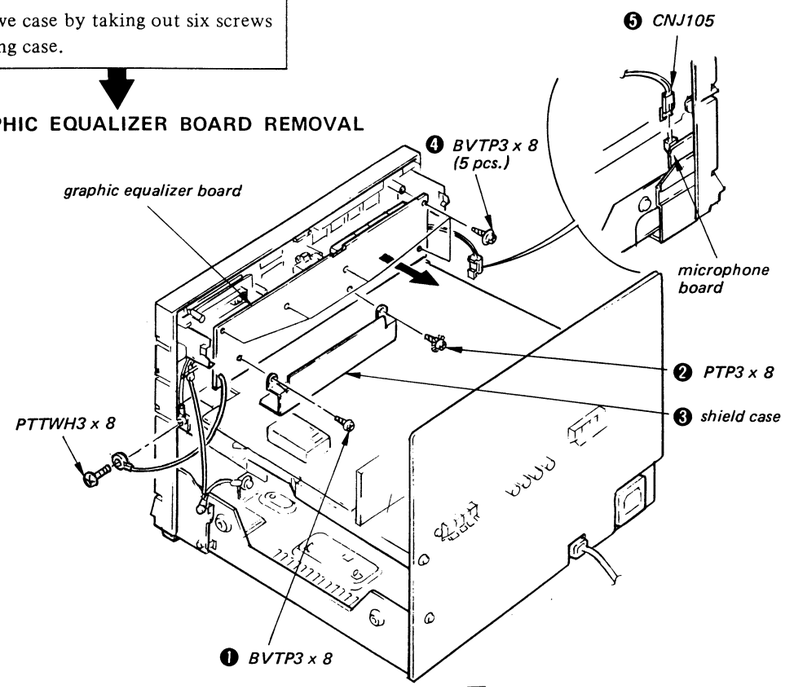
SECTION 2
DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.

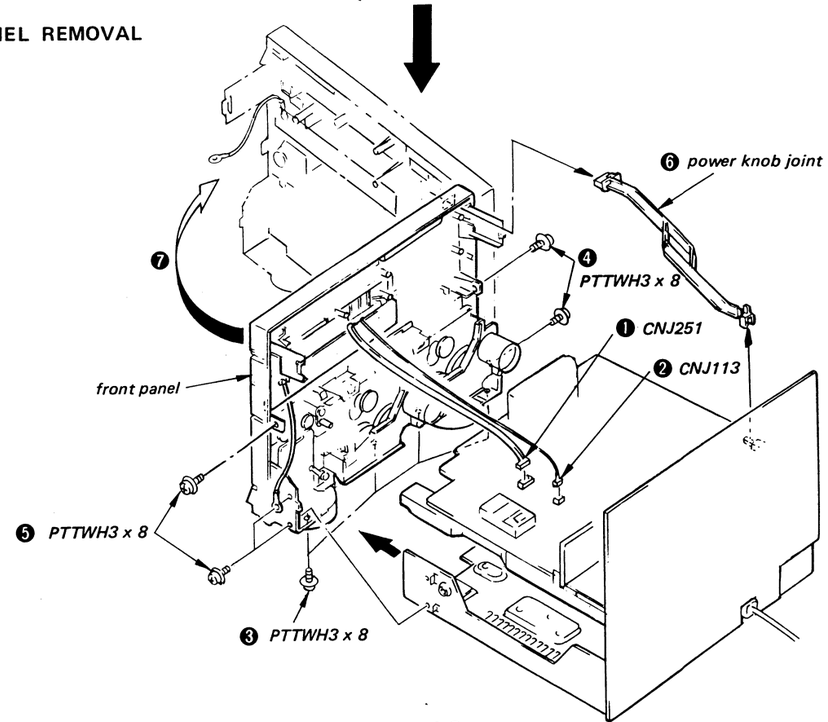
CASE REMOVAL

Remove case by taking out six screws securing case.

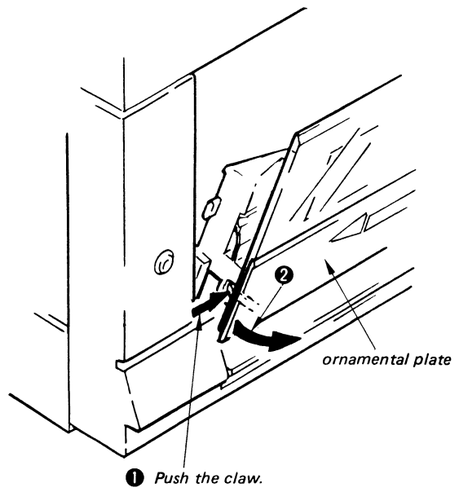
GRAPHIC EQUALIZER BOARD REMOVAL



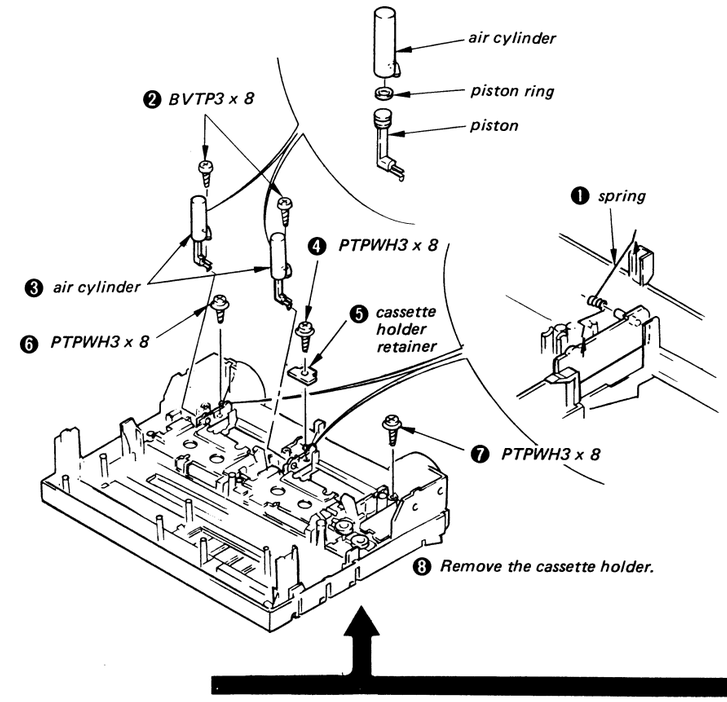
FRONT PANEL REMOVAL



ORNAMENTAL PLATE

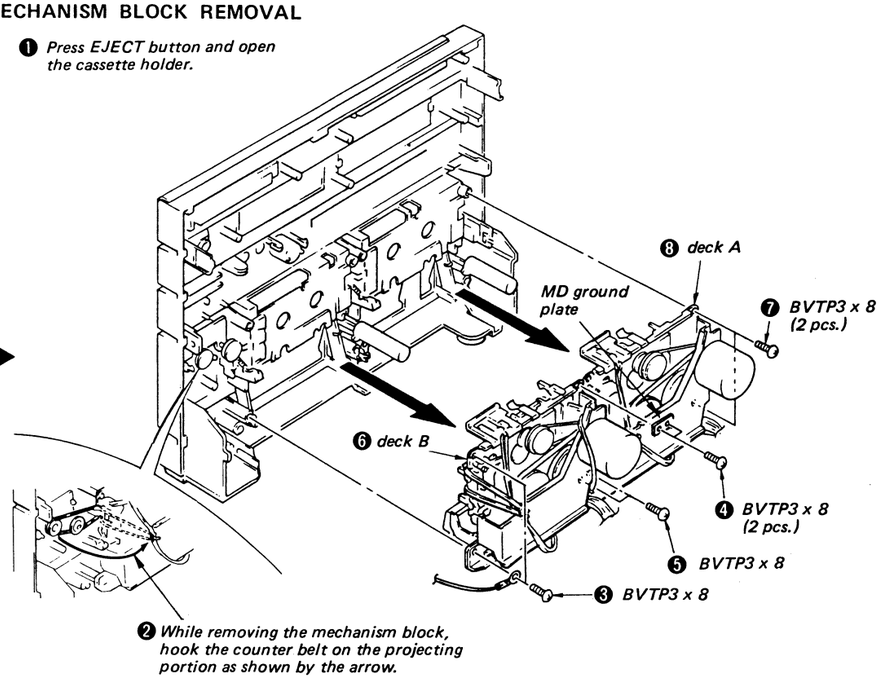


CASSETTE HOLDER REMOVAL

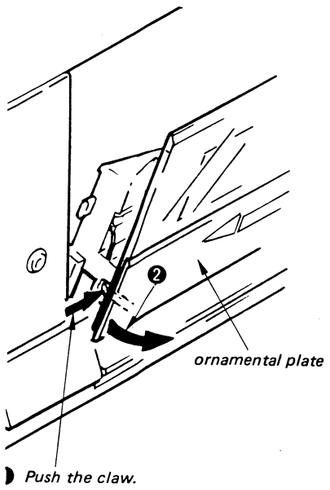


MECHANISM BLOCK REMOVAL

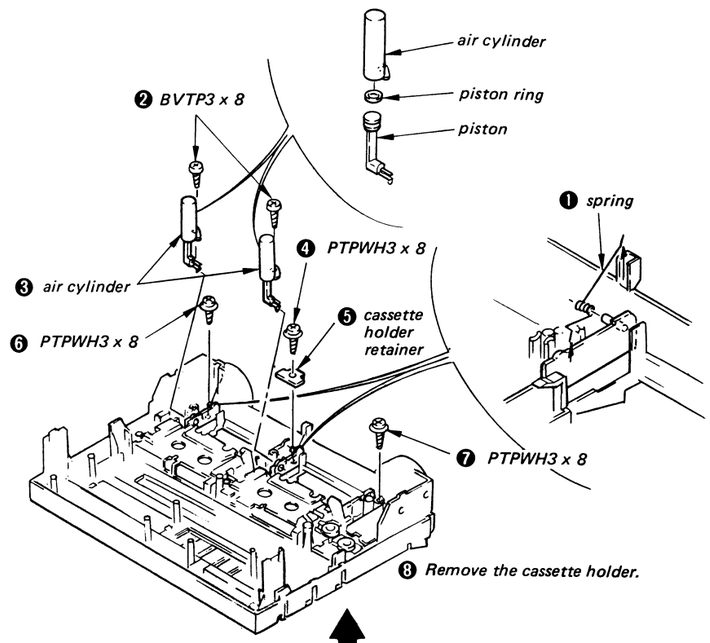
❶ Press EJECT button and open the cassette holder.


❽ deck A
MD ground plate
❼ BVTP3 x 8 (2 pcs.)
❻ deck B
❹ BVTP3 x 8 (2 pcs.)
❺ BVTP3 x 8
❸ BVTP3 x 8
❷ While removing the mechanism block, hook the counter belt on the projecting portion as shown by the arrow.

:NTAL PLATE

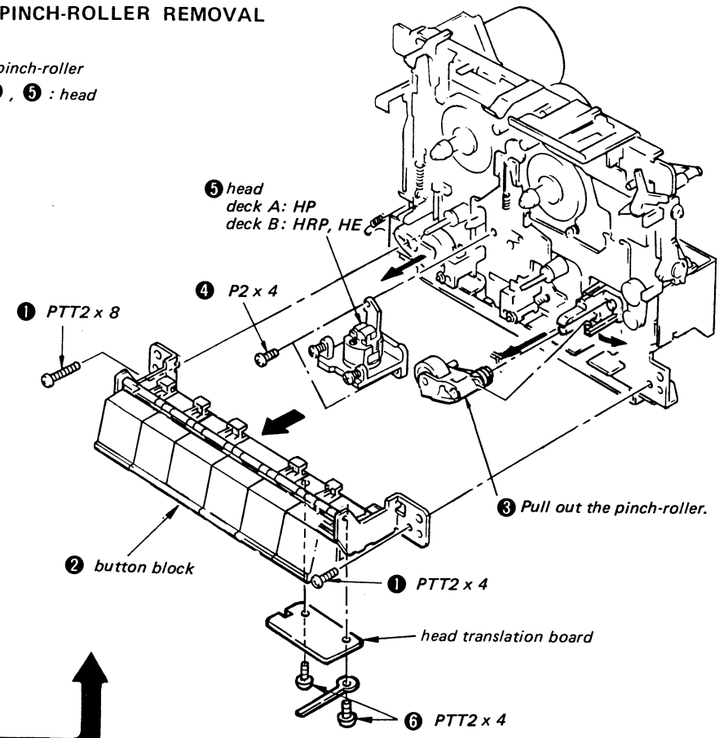


CASSETTE HOLDER REMOVAL



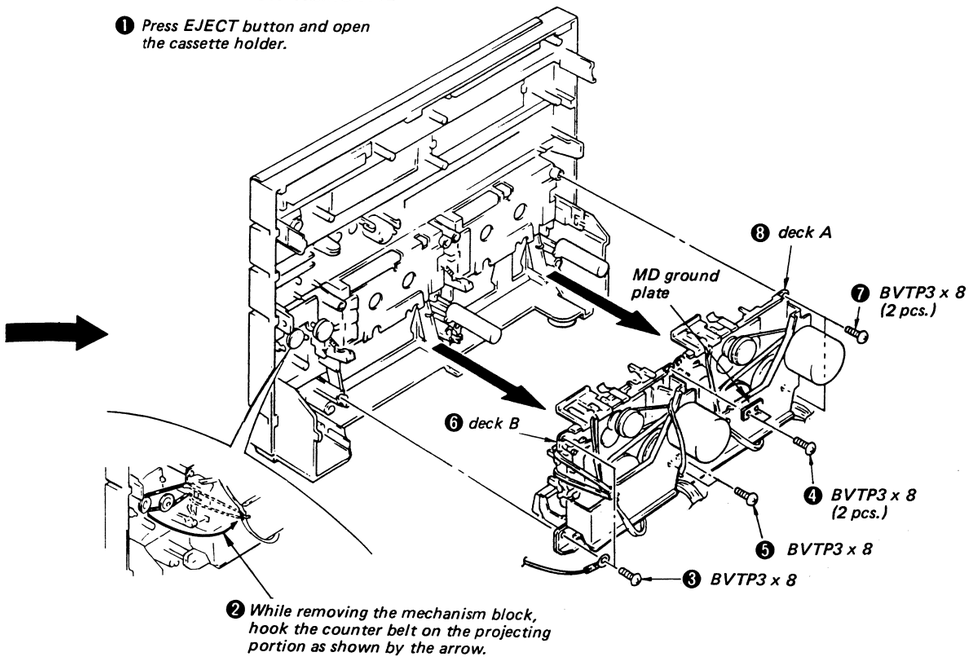
HEAD AND PINCH-ROLLER REMOVAL

❶ – ❸ : pinch-roller
❶, ❷, ❹, ❺ : head

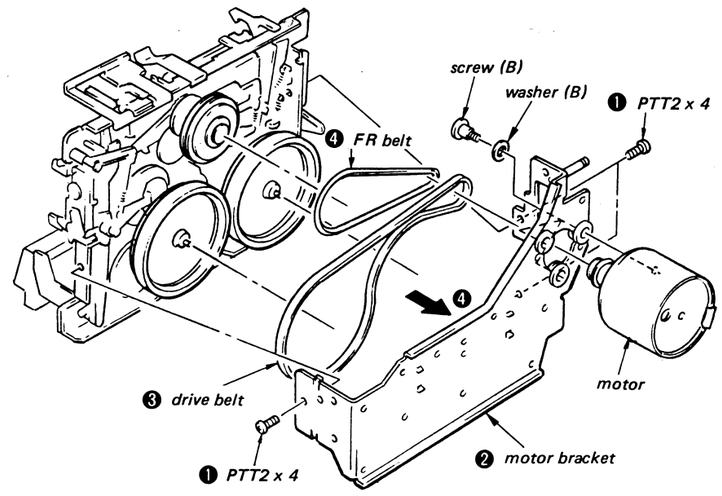


MECHANISM BLOCK REMOVAL

❶ Press EJECT button and open the cassette holder.


❽ deck A
MD ground plate
❼ BVTP3 x 8 (2 pcs.)
❻ deck B
❹ BVTP3 x 8 (2 pcs.)
❺ BVTP3 x 8
❸ BVTP3 x 8
❷ While removing the mechanism block, hook the counter belt on the projecting portion as shown by the arrow.

DRIVE BELT, FR BELT AND MOTOR REMOVAL



SECTION 3
ADJUSTMENTS

3-1. MECHANICAL ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured-alcohol-moistened swab:

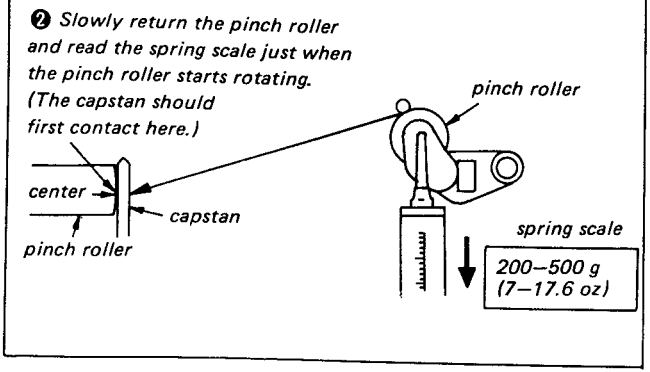
record/playback head	pinch roller
erase head	rubber belts
capstan	idlers

2. Demagnetize the record/playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Measurement

Torque	Torque meter	Meter reading	
FWD	CQ-102C	Deck-A and Deck-B	35 – 75 g·cm (0.49 – 1.04 oz·inch)
REV Back tension	CQ-102RB	Deck-A	1 – 6 g·cm (0.014 – 0.08 oz·inch)
		Deck-B	3 – 8 g·cm (0.04 – 0.11 oz·inch)
FF, REW	CQ-201B	Deck-A and Deck-B	75 – 160 g·cm (1.04 – 2.22 oz·inch)

Pinch Roller Pressure Measurement
– Playback Mode –


❷ Slowly return the pinch roller and read the spring scale just when the pinch roller starts rotating. (The capstan should first contact here.)
pinch roller
center
capstan
pinch roller
spring scale
200–500 g (7–17.6 oz)

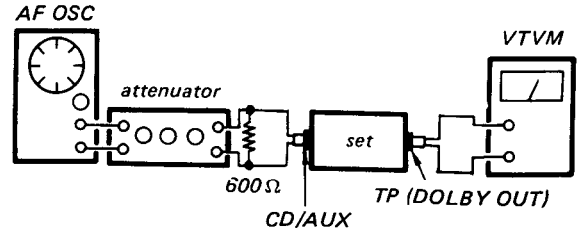
3-2. ELECTRICAL ADJUSTMENTS

1. Demagnetize the record/playback head with a head demagnetizer.
2. Do not use a magnetized screwdriver for the adjustments.
3. After the adjustments, apply suitable locking compound to the parts adjusted.
4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
5. The adjustments should be performed in the order given in this service manual. (As a general rule, playback circuit adjustment should be completed before performing recording circuit adjustment.)
6. The adjustments should be performed for both L-CH and R-CH.

- Switches and controls should be set as follows unless otherwise specified.
  DOLBY NR switch: OFF
  EQUALIZER switch: OFF
  FUNCTION switch: CD/AUX
  ISS switch: 1

- Standard Record:
  Deliver the standard input signal level to the input jack and set the REC LEVEL control to obtain the standard output signal level.

Mode: record



Standard input level

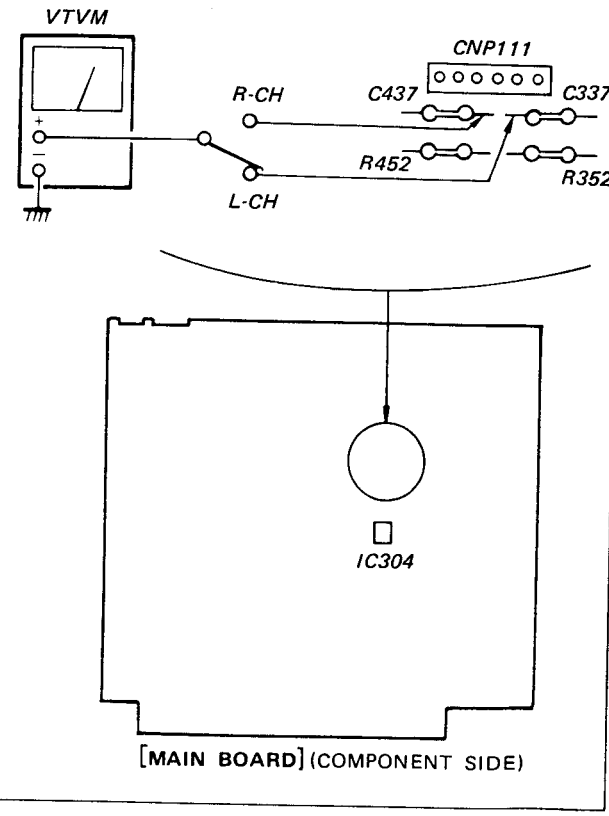
	CD/AUX
Source impedance	600 Ω
Input level	0.44 V (−5 dB)

CASSETTE DECK SECTION

Note: The adjustment should be performed in the order given in this service manual. (Playback section may be adjusted earlier than record section.)
The adjustments should be performed for both L-CH and R-CH.

- Switches should be set as follows unless otherwise specified.
  DOLBY NR switch: OFF

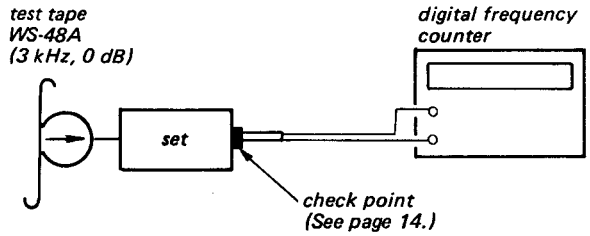
- **Output level check point**



Tape Speed Adjustment

Procedure:

Mode: playback



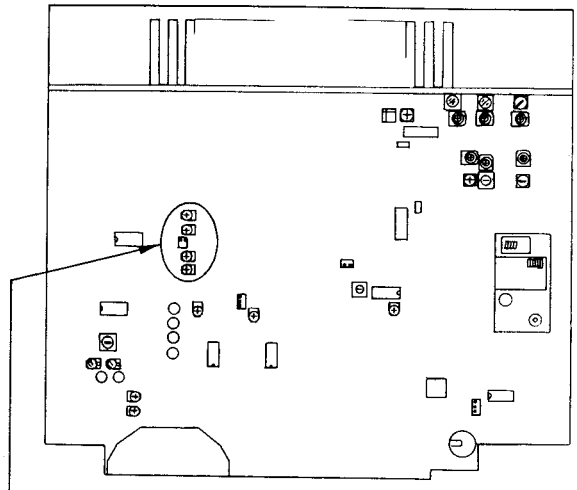
Specifications:

	Adjustment Part		Digital frequency counter
Normal speed	Deck A	RV352	2,985 – 3,015 Hz
	Deck B	RV354	
High speed	Deck A	RV351	5,970 – 6,030 Hz
	Deck B	RV353	

Note: Be sure to perform the high speed adjustment at first.

Adjustment Location: Main Board

[MAIN BOARD] (COMPONENT SIDE)

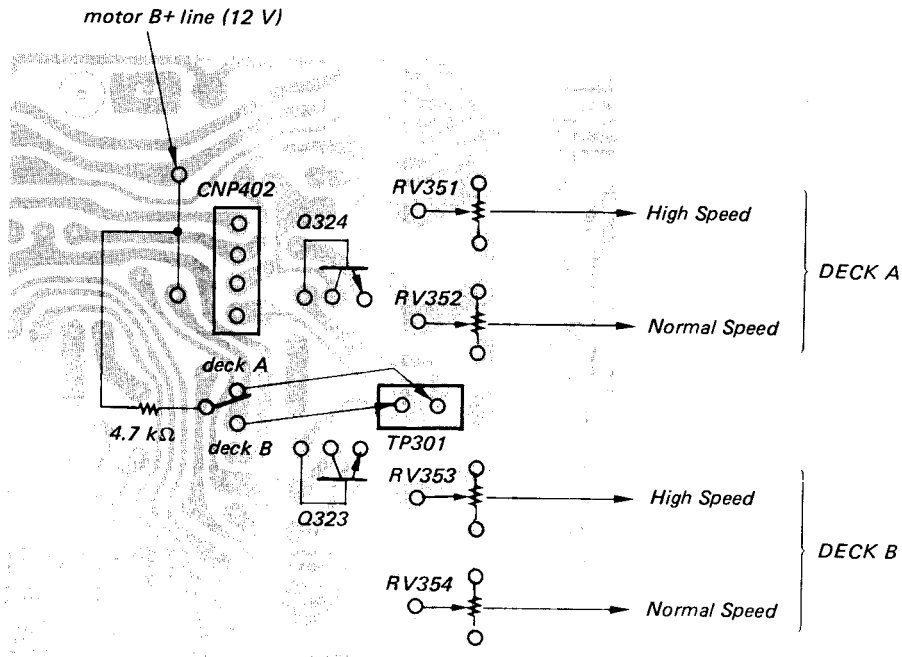


- **HIGH SPEED PROCEDURE**

Perform the following procedure and place the set in playback mode.

Deck A: Connect 4.7 kΩ resistor between Q324 base and motor B+ line (12 V).

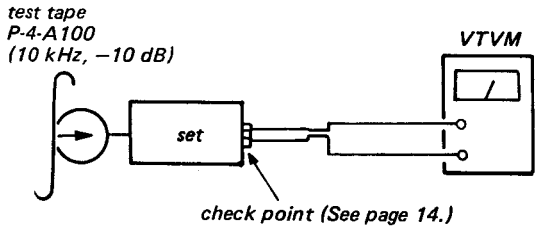
Deck B: Connect 4.7 kΩ resistor between Q323 base and motor B+ line (12 V).



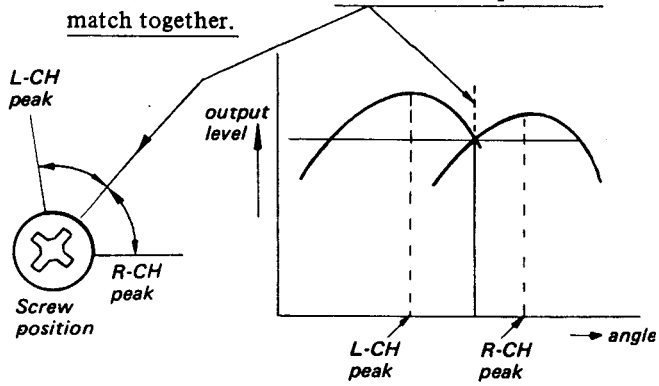
Record/playback Head Azimuth Adjustment

Procedure:

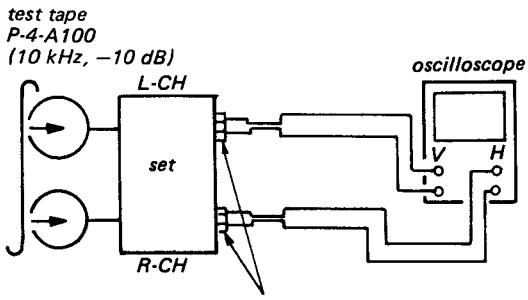
1. Mode: playback

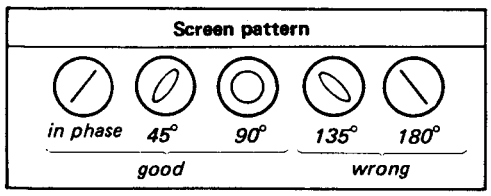


2. Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together.



3. Phase Check
   Mode: playback

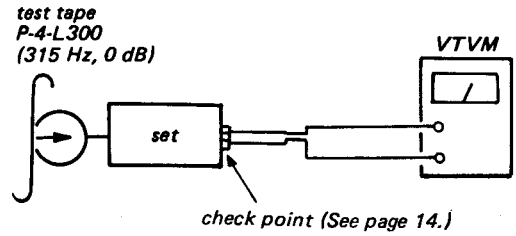




4. Perform steps 1-3 in reverse playback mode, and adjust the adjustment screw until output level of both forward and reverse playback modes matches together.
5. After the adjustment, lock the screws with locking compound.

Playback Level Adjustment

Procedure:

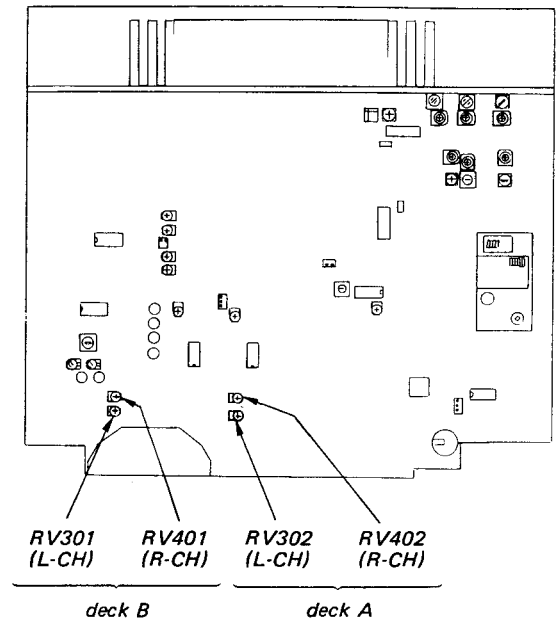


Adjust the following adjustable resistors so that the VTVM reading is 0.46 to 0.41 V (−4.5 to −5.5 dB).

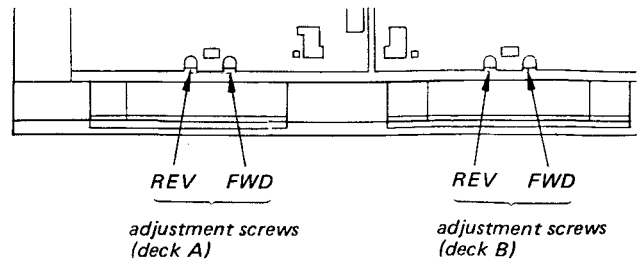
Deck A: RV302(L-CH), RV402(R-CH)
Deck B: RV301(L-CH), RV401(R-CH)

Check that the Line out level does not change in playback mode while changing the mode from playback to stop several times.

Adjustment Location: Main Board



Adjustment Location: Remove the ornamental plate. (See page 10.)



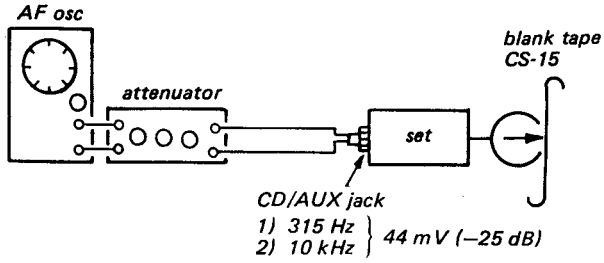
Record Bias Adjustment . . . . . Deck B only

Setting:

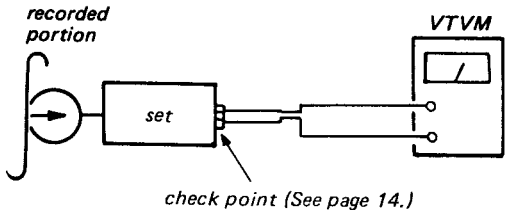
FUNCTION switch: CD/AUX

Procedure:

1. Mode: record

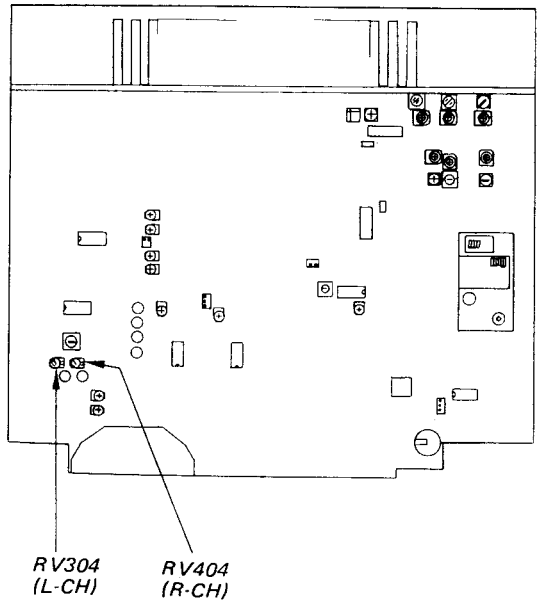


2. Mode: playback



Confirm that the 10 kHz playback output is 0 dB ± 1 dB relative to the 315 Hz output. If necessary, adjust RV304(L-CH), RV404(R-CH) and repeat the steps given above.

Adjustment Location: Main Board



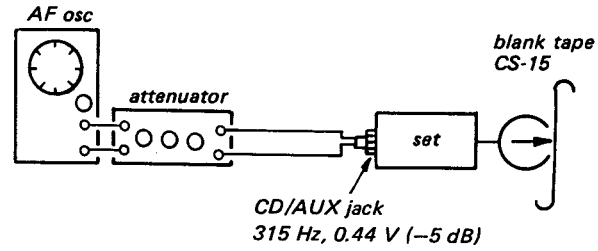
Record Level Adjustment . . . . . Deck B only

Setting:

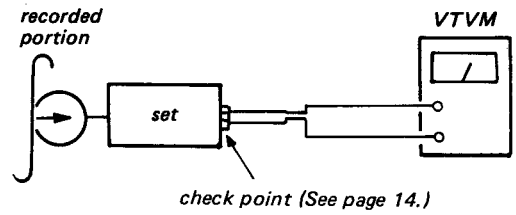
FUNCTION switch: CD/AUX

Procedure:

1. Mode: record



2. Mode: playback

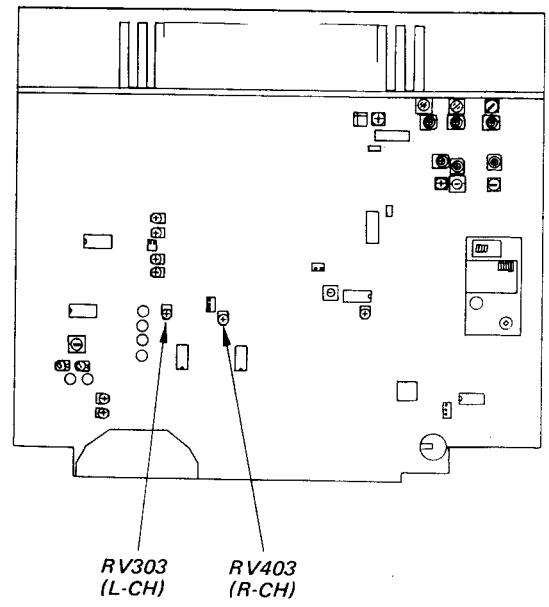


3. Playback the signal recorded in step 1. Confirm that the signal levels is within the specification below. If necessary, adjust RV303 (L-CH), RV403(R-CH) and repeat the step 1-3.

Specification:

LINE OUT level: 0.41 to 0.46 V
(–5.5 to –4.5 dB)

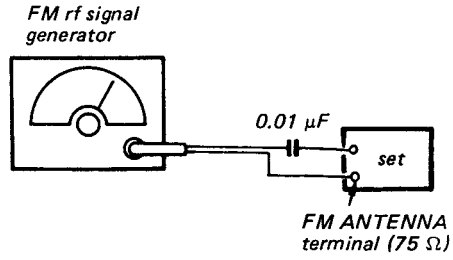
Adjustment Location: Main Board



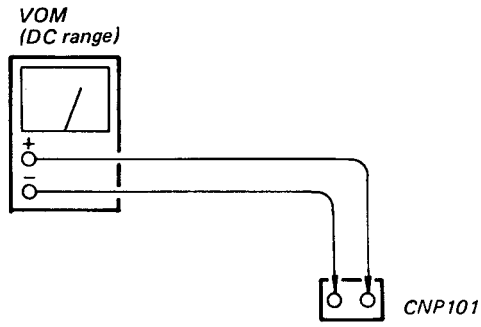
FM SECTION

FM Discriminator Adjustment (NULL Check)

Setting:



Carrier frequency: *98 MHz*
Modulation: *1 kHz, 75 kHz deviation*
Output level: *1 mV (60 dB)*



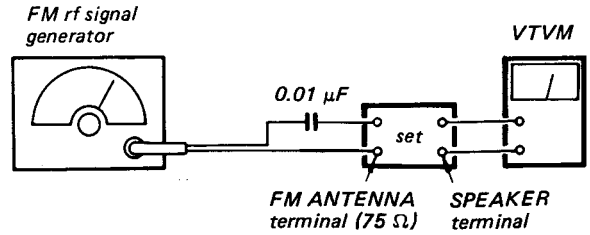
Proceudre:

1. Push the TUNING (+, −) button for 98 MHz.
2. Adjust T101 for 0 V reading on the VOM.

Note: When the ceramic filter is replaced, these adjustments should be made.

FM Tracking Adjustment

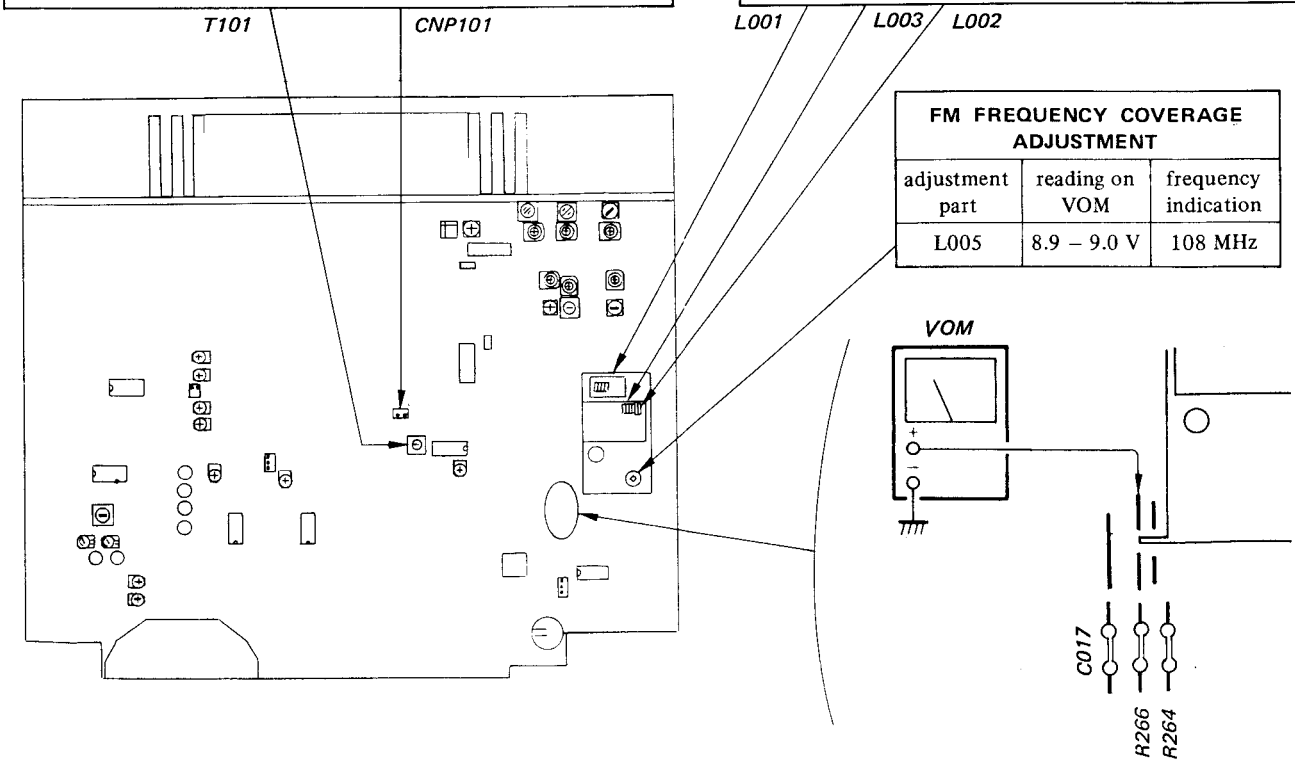
Setting:



Carrier frequency: *98 MHz*
Modulation: *1 kHz, 75 kHz deviation*
Output level: *3.15 μV (10 dB)*

Procedure:

1. Push the TUNING (+, −) button for 98 MHz.
2. Approach L002 and L003 not to contact each other.
3. Adjust L001 and L003, and repeat the adjustment 2 – 3 times for maximum VTVM reading.



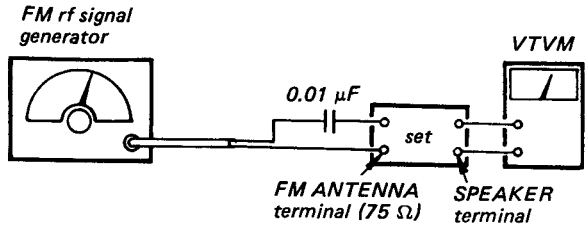
FM FREQUENCY COVERAGE ADJUSTMENT		
adjustment part	reading on VOM	frequency indication
L005	8.9 – 9.0 V	108 MHz

FM Muting Level Adjustment

Setting:

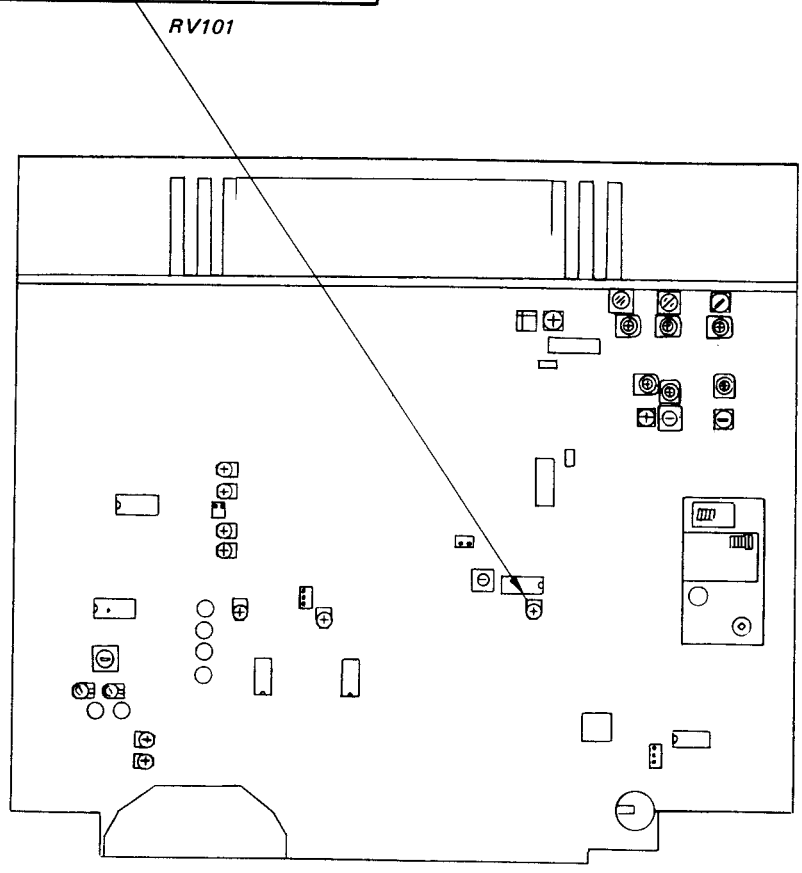
STEREO/MUTING switch . . . . . ON (MUTING)

Procedure:



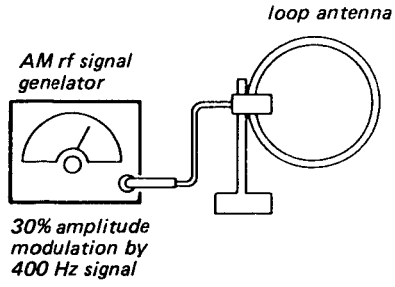
Carrier frequency: *98 MHz*
Modulation: *1 kHz, 75 kHz deviation*
Output level: *17.9 µV (25 dB)*

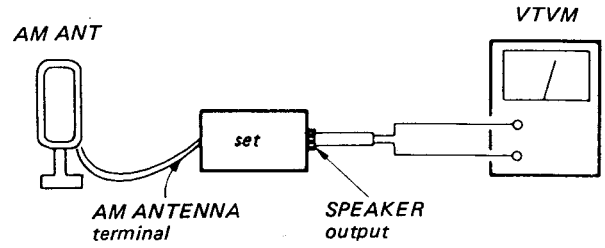
1. Tune the set to 98 MHz.
2. Turn RV101 for 0 V reading on the VTVM. And then turn RV101 slowly and stop it just when the VTVM indication suddenly increases.



AM SECTION

– MW/LW: For AEP, UK Model –





- Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by the trimmer capacitors.

– MW/LW: For AEP, UK Model –

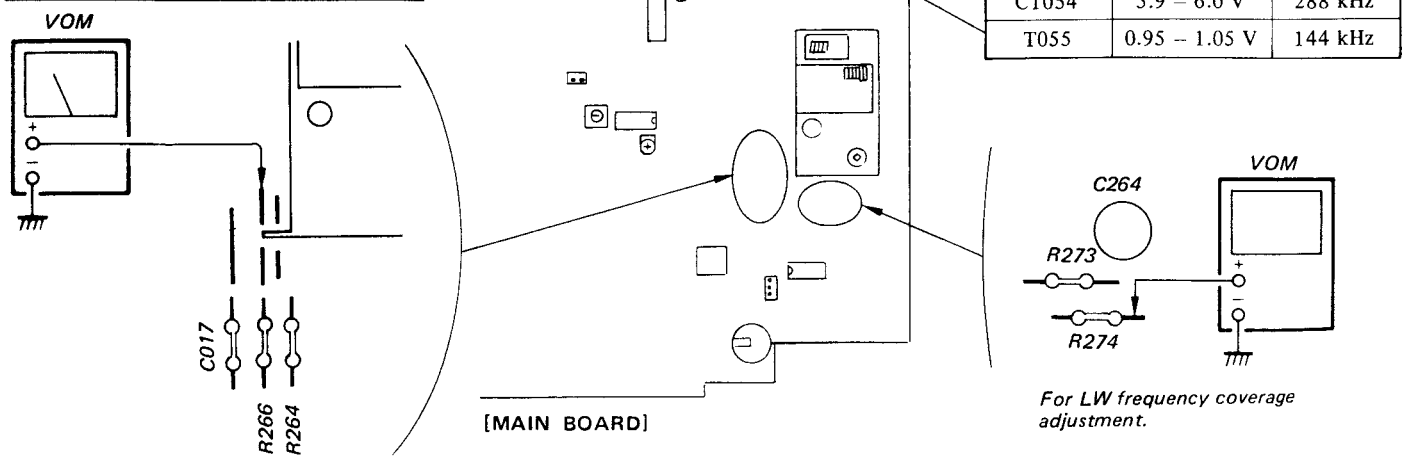
AM IF ALIGNMENT
Adjust for a maximum reading on VTVM.
999 kHz
T053

MW TRACKING ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
603 kHz	1,404 kHz
T051	CT051

LW TRACKING ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
T056	162 kHz
CT055	270 kHz

MW FREQUENCY COVERAGE ADJUSTMENT		
frequency indication	reading on VOM	adjustment part
1,611 kHz	8.9 – 9.0 V	CT052
522 kHz	0.95 – 1.05 V	T052

LW FREQUENCY COVERAGE ADJUSTMENT		
adjustment part	reading on VOM	frequency indication
CT054	5.9 – 6.0 V	288 kHz
T055	0.95 – 1.05 V	144 kHz



For MW frequency coverage adjustment.

For LW frequency coverage adjustment.

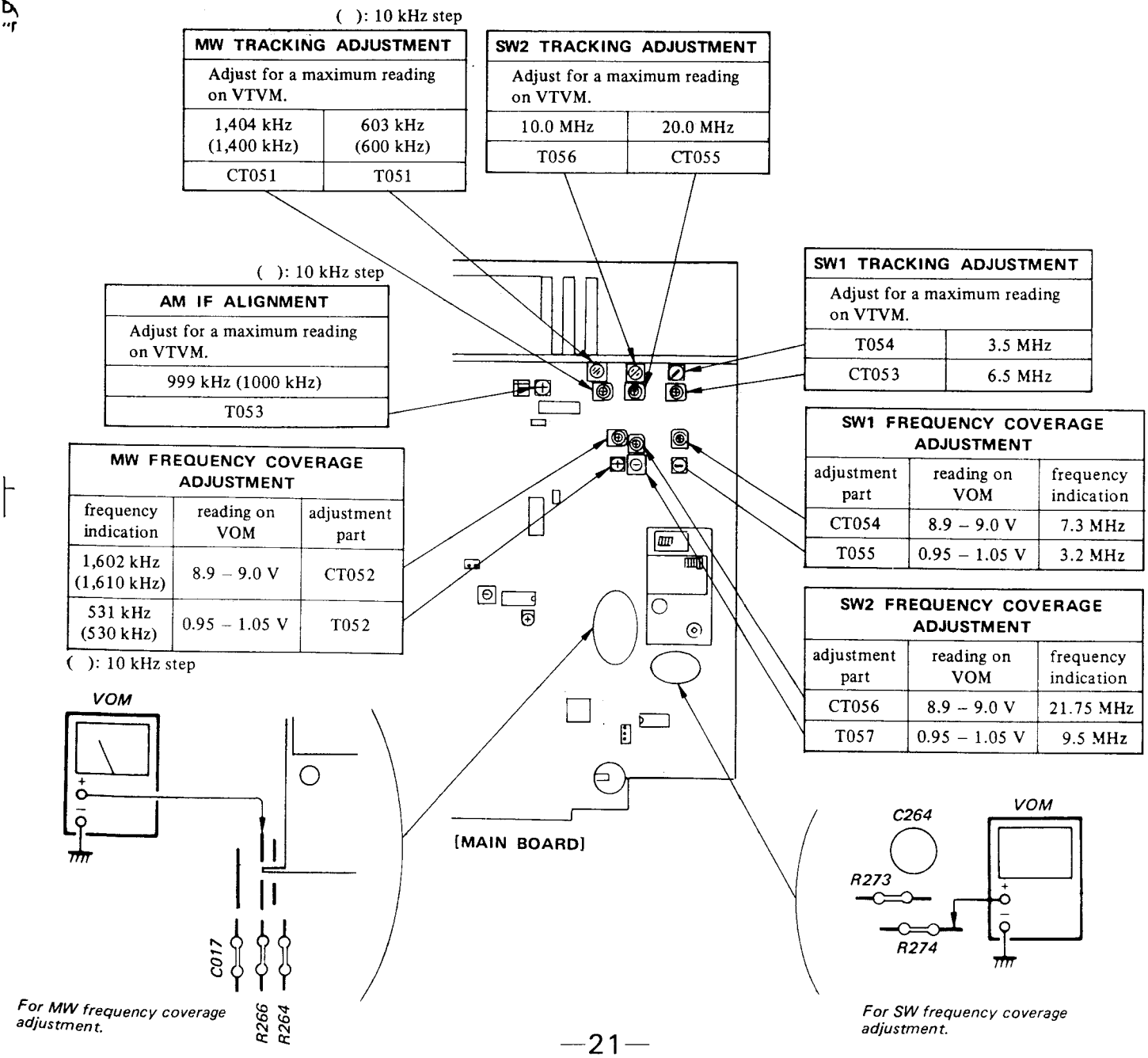
– MW/SW: For E, Saudi Arabia Model –

To change the MW tuning interval

The MW tuning interval is preset at the factory to 9 kHz for the general area. If you use the system where the frequency allocation system is based on the other interval, change the interval as follows.

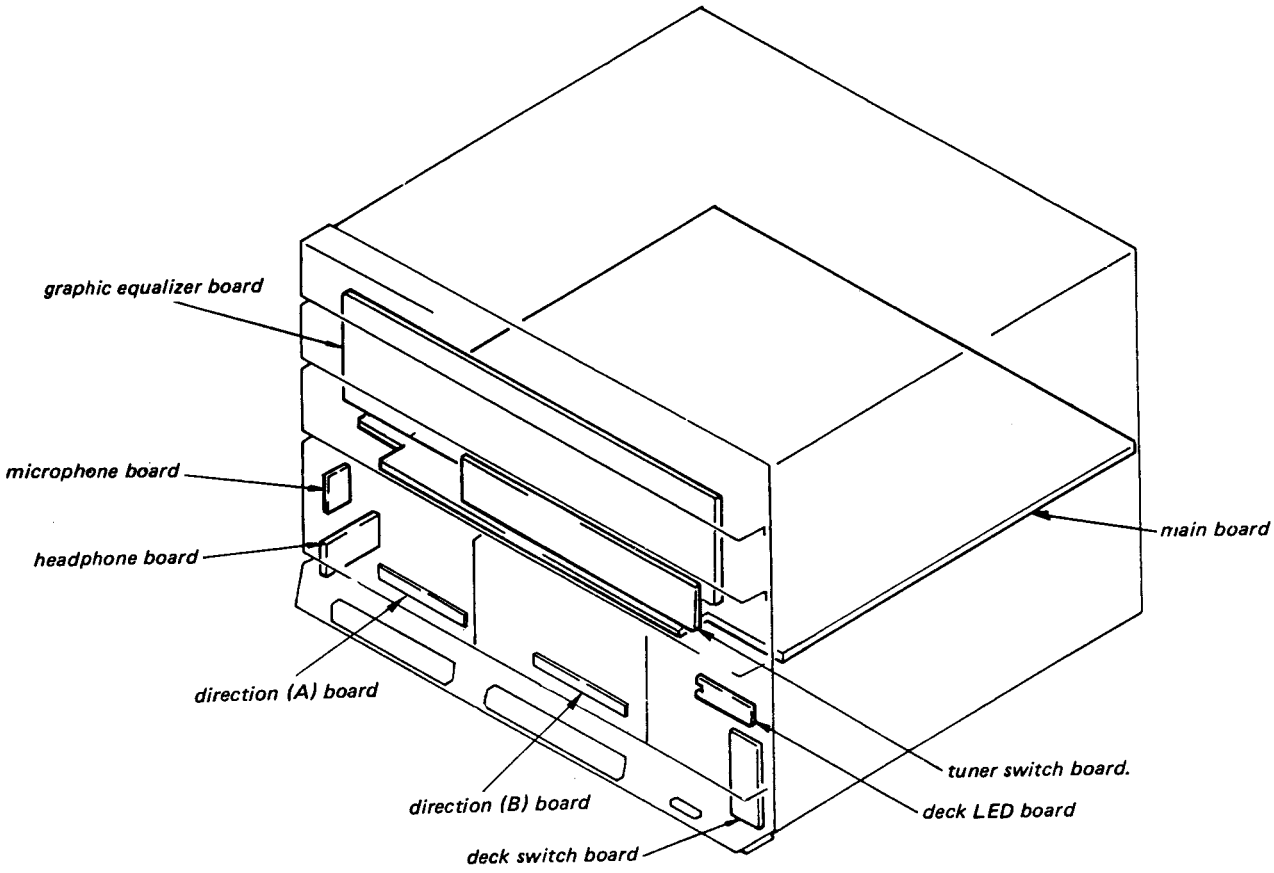
1. Press POWER.
2. Set BAND to MW.
3. Turn off POWER.
4. Turn on the POWER while pressing +TUNING button.

To reset the interval, follow the same procedure.



SECTION 4
DIAGRAMS

4-1. PC BOARDS LAYOUT



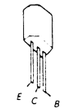
4-3. SEMICONDUCTOR LEAD LAYOUTS

2SA1175

2SA1346
2SC2724-C
2SC2724-D
2SC3400
BA1F4N
BN1L3N

2SC535

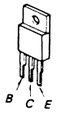
2SC634SP



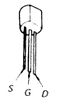
2SC1583

2SD774

2SD1585-K



2SK246GR2

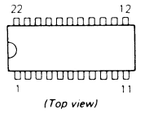


BA338
IR2E31A
μPC4570HA-1

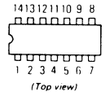
CX174-3
LA1231
M5226P
TC9172P

LA1245

LA3401



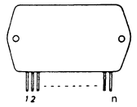
M4001BP
M4069UBP



M5218L

M5218P

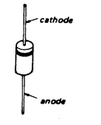
STK4152II
STK4182MkII



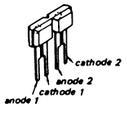
TC9302AF-005
TC9302AF-017

1SS168

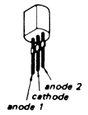
10E2N
H6B2L
HZ7A2L
HZ7B2L
HZ9B2L
HZ12B2L
US1060M



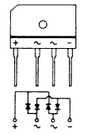
KV1236Z



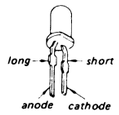
KV1310



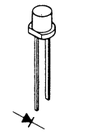
RBV-602-01



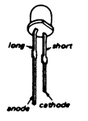
SEL2210S-C
SEL2410E-C
SEL2410GW
SEL2810A-C
SEL2910A-C



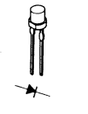
SEL2213C



SEL2710K



SEL2813A-C

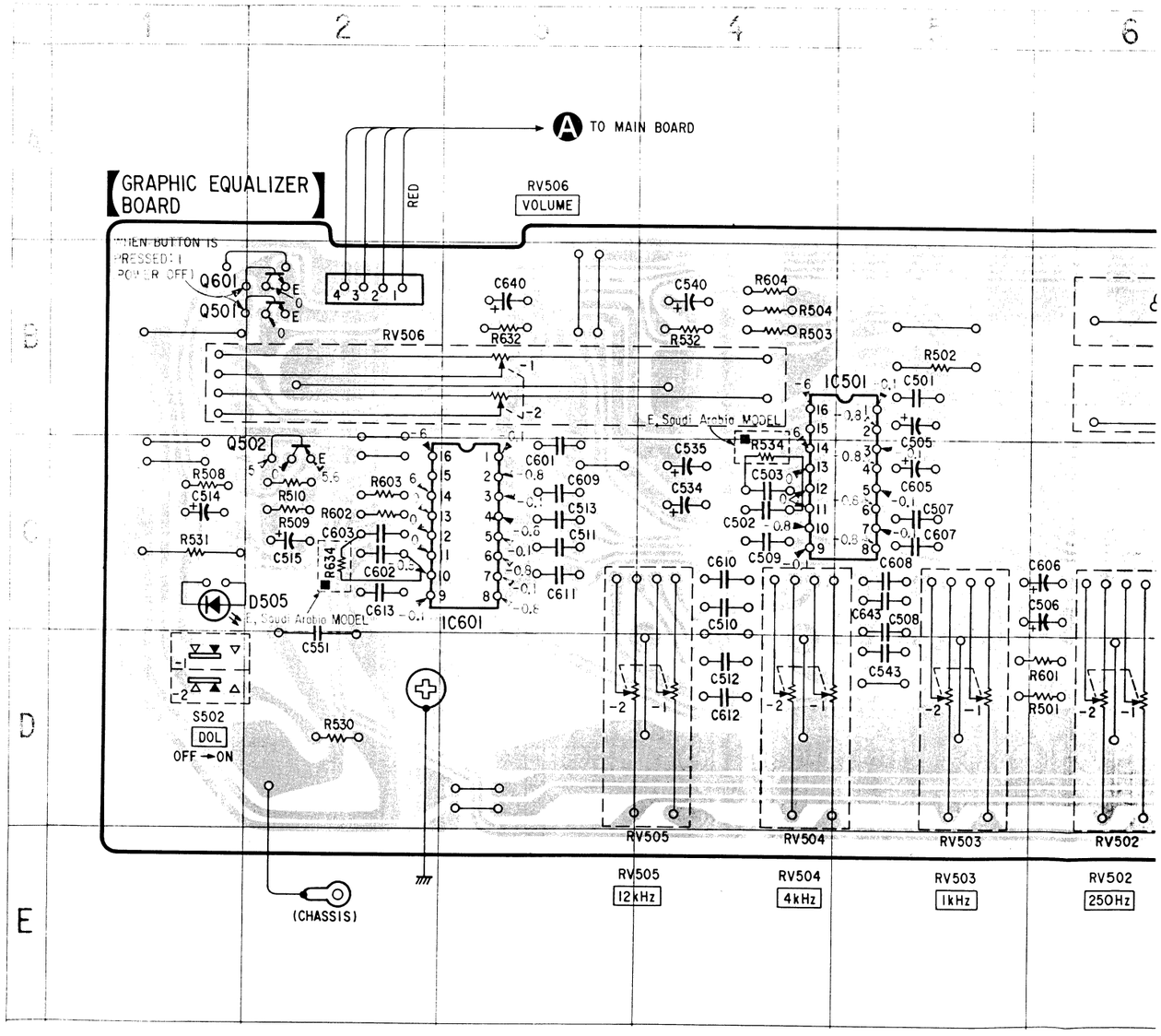


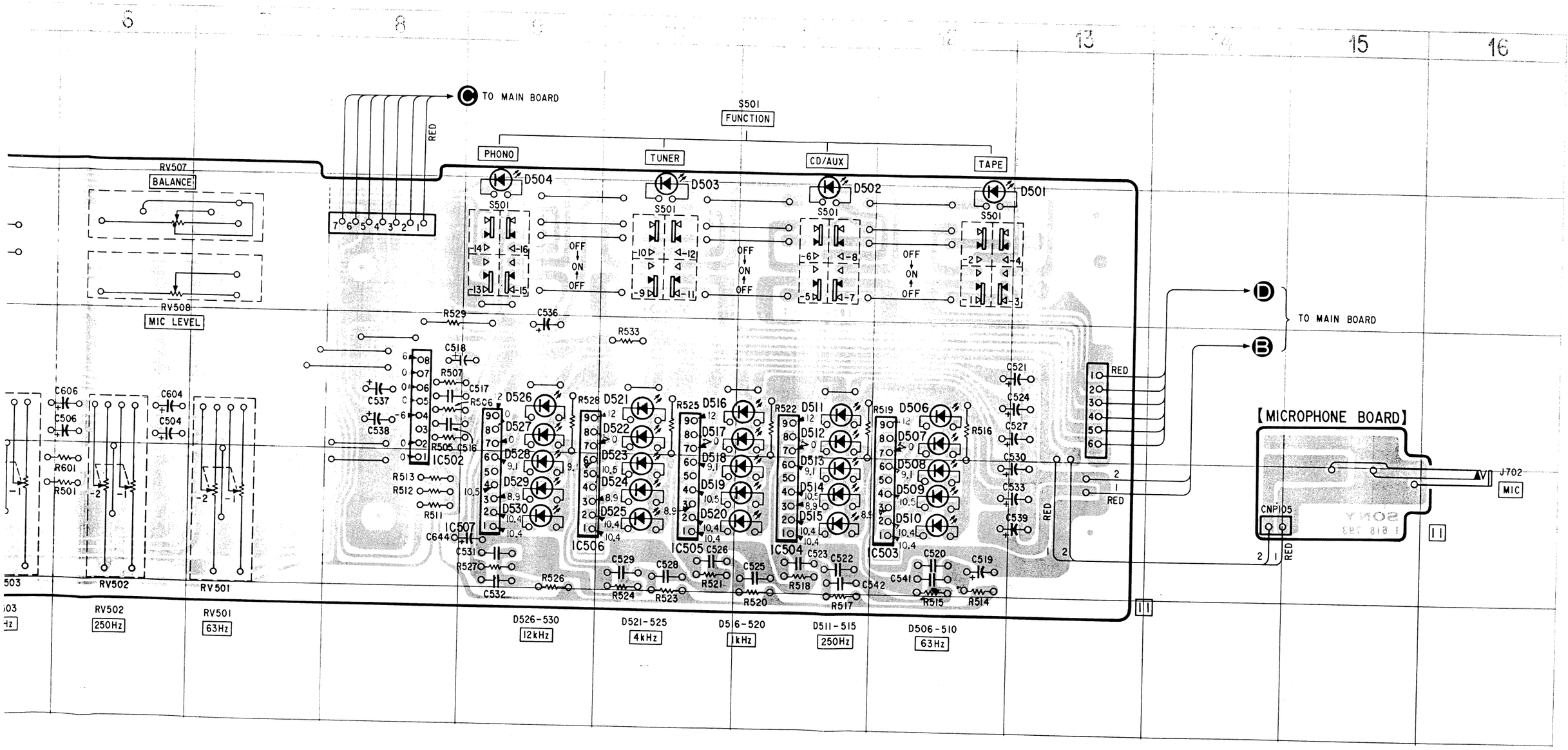
• SEMICONDUCTOR LOCATION

Ref. No.	Location
D501	B-12
D502	B-11
D503	B-10
D504	B-9
D505	C-1
D506	C-12
D507	C-12
D508	D-12
D509	D-12
D510	D-12
D511	C-11
D512	C-11
D513	D-11
D514	D-11
D515	D-11
D516	C-11
D517	C-11
D518	D-11
D519	D-11
D520	D-11
D521	C-10
D522	C-10
D523	D-10
D524	D-10
D525	D-10
D526	C-9
D527	C-9
D528	D-9
D529	D-9
D530	D-9
IC501	C-5
IC502	C-8
IC503	D-12
IC504	D-11
IC505	D-10
IC506	D-9
IC507	D-9
IC601	C-3
Q501	B-2
Q502	C-2
Q601	B-2

4-4. MOUNTING DIAGRAM — GRAPHIC EQUALIZER SECTION —

— Conductor Side —




TO MAIN BOARD
RED
S501
FUNCTION
PHONO
TUNER
CD/AUX
TAPE
D504
D503
D502
D501
S501
OFF
ON
OFF
RV507
BALANCE
RV508
MIC LEVEL
R529
C536
R533
C518
C537
C538
R507
C517
R506
R505
C516
IC502
R513
R512
R511
C644
C531
R527
C532
D526
D527
D528
D529
D530
R528
D521
D522
D523
D524
D525
IC506
R525
D516
D517
D518
D519
D520
IC505
C526
R521
R520
C525
R522
D511
D512
D513
D514
D515
IC504
C523
R518
C522
C542
R517
R519
D506
D507
D508
D509
D510
IC503
R516
C520
C541
R515
C519
R514
C521
C524
C527
C530
C533
C539
C606
C506
R601
R501
C604
C504
RV503
RV502
RV501
D526-530
12kHz
D521-525
4kHz
D516-520
1kHz
D511-515
250Hz
D506-510
63Hz
TO MAIN BOARD
【MICROPHONE BOARD】
J702
MIC
CNP105
RED

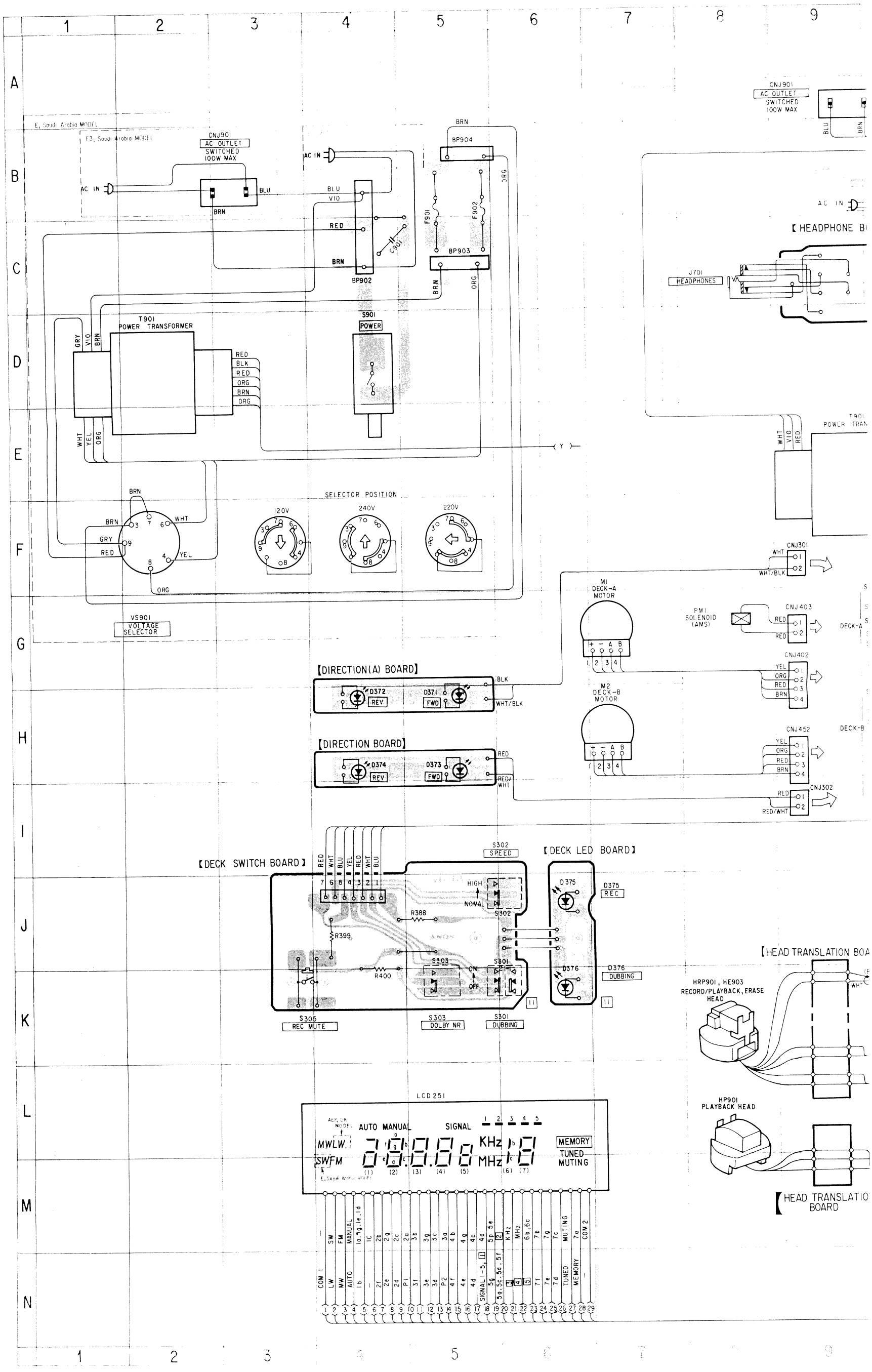
4-5. MOUNTING DIAGRAM — MAIN SECTION —

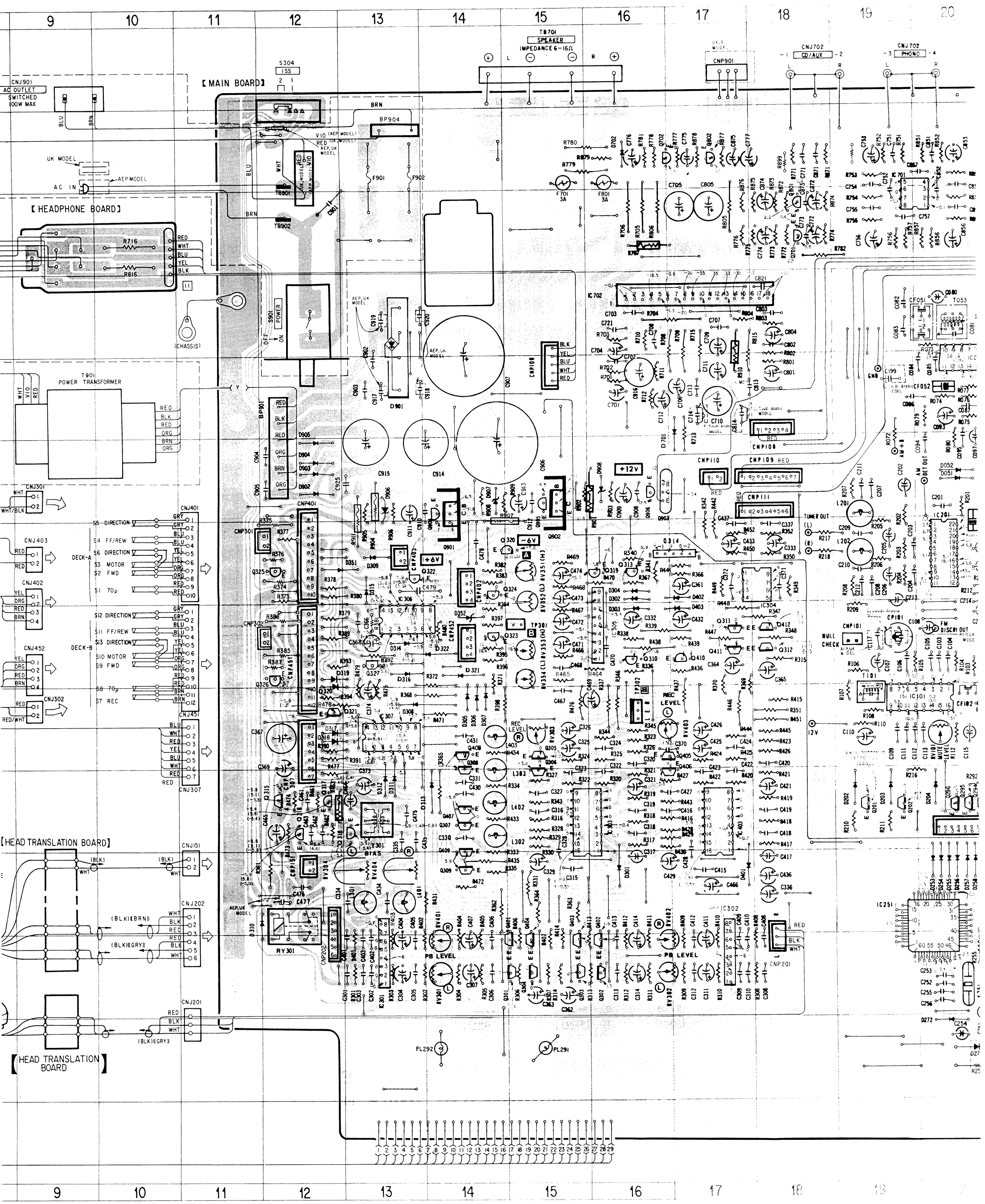
— Component Side —

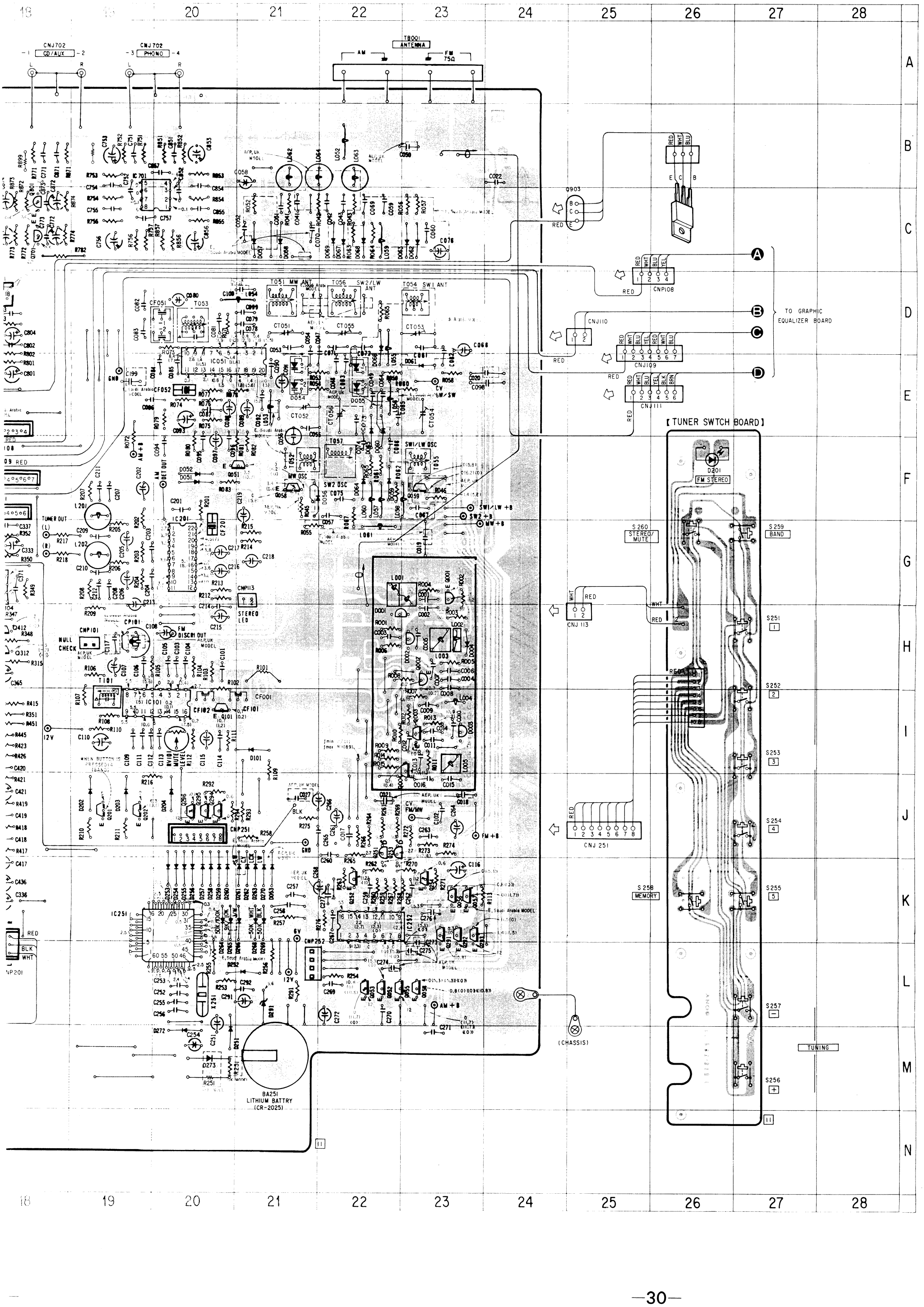
- See page 23 to 25 for IC Block Diagrams.
- See page 23 for Semiconductor Lead Layouts.
- See page 25 for notes.

• SEMICONDUCTOR LOCATION

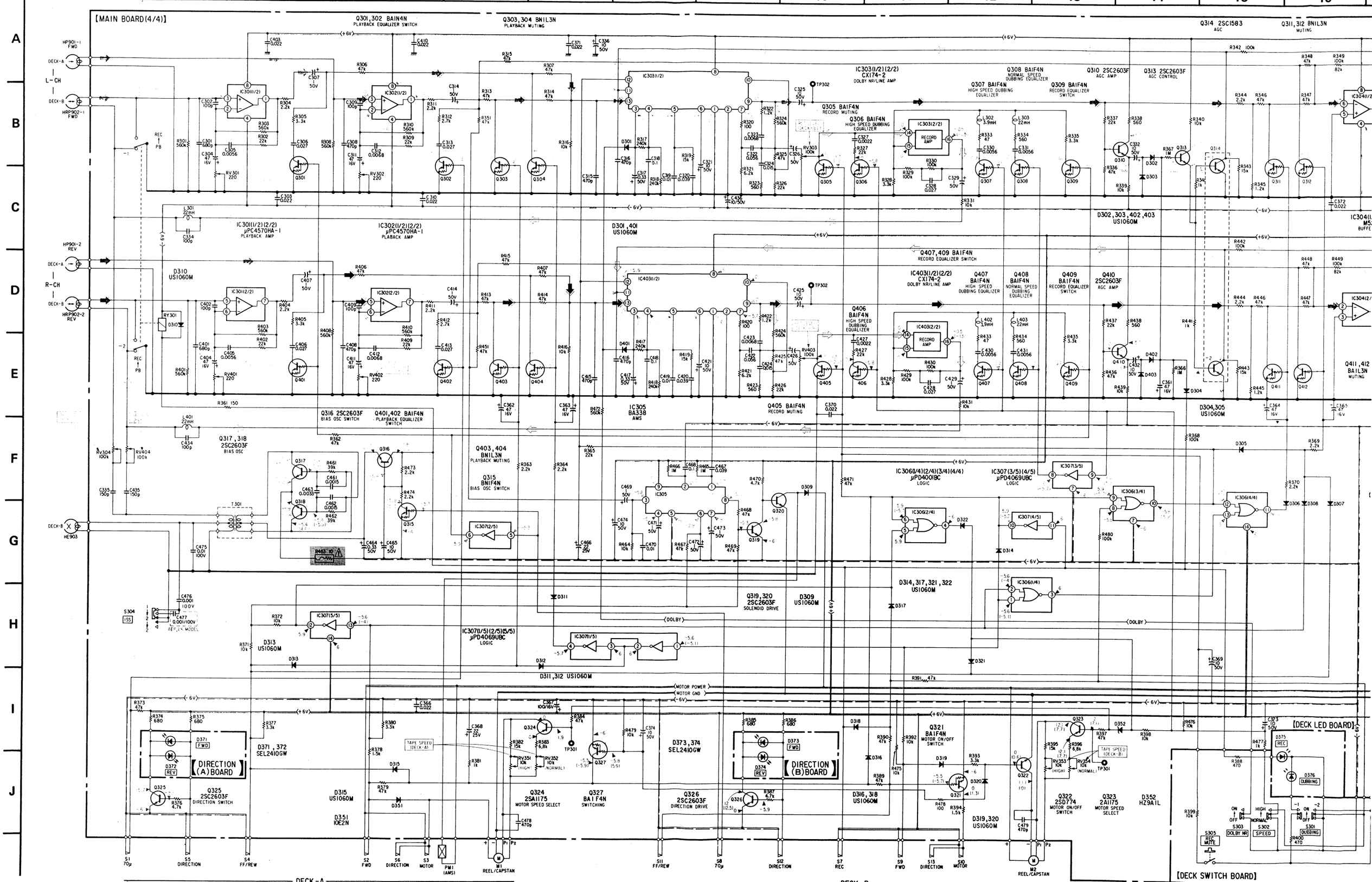
Ref. No.	Location	Ref. No.	Location
D001	H-22	IC051	E-20
D002	H-23	IC101	I-20
D003	I-23	IC201	G-20
D004	H-23	IC251	K-20
D051	F-20	IC252	K-22
D052	F-20	IC301	L-13
D053	K-21	IC302	L-17
D054	E-21	IC303	J-15
D055	E-22	IC304	G-18
D056	F-21	IC305	H-16
D057	C-21	IC306	H-13
D058	C-21	IC307	I-13
D059	F-22	IC403	J-17
D060	E-22	IC701	C-20
D061	E-23	IC702	D-17
D062	B-23		
D063	B-23	Q001	G-23
D064	F-22	Q002	H-23
D065	E-22	Q003	I-23
D066	D-22	Q004	I-23
D067	C-22	Q051	F-21
D068	C-22	Q052	L-22
D069	C-22	Q053	L-22
D101	I-21	Q054	L-23
D201	F-26	Q055	L-22
D202	J-19	Q056	K-23
D203	J-19	Q057	K-23
D204	J-20	Q058	F-21
D251	M-20	Q059	F-23
D252	L-21	Q101	I-20
D253	K-20	Q201	J-19
D254	K-20	Q202	J-19
D255	K-20	Q251	J-22
D256	K-20	Q252	K-22
D257	K-20	Q253	J-22
D258	K-20	Q254	K-23
D259	K-20	Q291	K-23
D260	K-20	Q292	K-23
D261	K-21	Q293	K-23
D262	K-21	Q294	J-20
D263	K-21	Q295	J-20
D264	K-20	Q296	J-20
D265	K-20	Q301	L-15
D266	K-21	Q302	L-16
D268	K-21	Q303	L-15
D269	K-21	Q304	L-15
D270	K-21	Q305	I-15
D272	M-20	Q306	J-15
D273	M-20	Q307	J-14
D291	L-21	Q308	I-14
D301	K-16	Q309	K-14
D302	G-16	Q310	H-16
D303	H-16	Q311	H-17
D304	G-16	Q312	H-18
D305	I-14	Q313	G-16
D306	I-14	Q314	G-17
D307	I-14	Q315	J-12
D308	I-13	Q316	J-12
D309	G-13	Q317	J-12
D310	K-11	Q318	J-13
D311	J-13	Q319	G-16
D312	J-13	Q320	G-15
D313	J-14	Q321	I-12
D314	H-13	Q322	G-13
D315	G-13	Q323	H-14
D316	H-13	Q324	G-14
D317	I-12	Q325	G-12
D318	I-12	Q326	H-12
D319	H-12	Q327	H-13
D320	I-12	Q401	L-15
D321	H-14	Q402	L-16
D322	H-14	Q403	L-15
D351	G-12	Q404	L-15
D352	H-14	Q405	I-17
D371	H-5	Q406	J-17
D372	H-4	Q407	J-14
D373	H-5	Q408	I-14
D374	H-4	Q409	J-14
D375	J-6	Q410	H-17
D376	K-6	Q411	H-17
D401	K-17	Q412	H-18
D402	G-17	Q701	C-18
D403	H-17	Q702	B-16
D701	E-17	Q801	C-18
D702	B-16	Q802	B-17
D901	E-13	Q901	F-14
D902	F-12	Q902	F-15
D903	F-12	Q903	F-16
D904	F-12	Q904	F-14
D905	F-12	Q905	F-15
D906	F-13	Q906	F-16
D907	F-14		
D908	F-16		

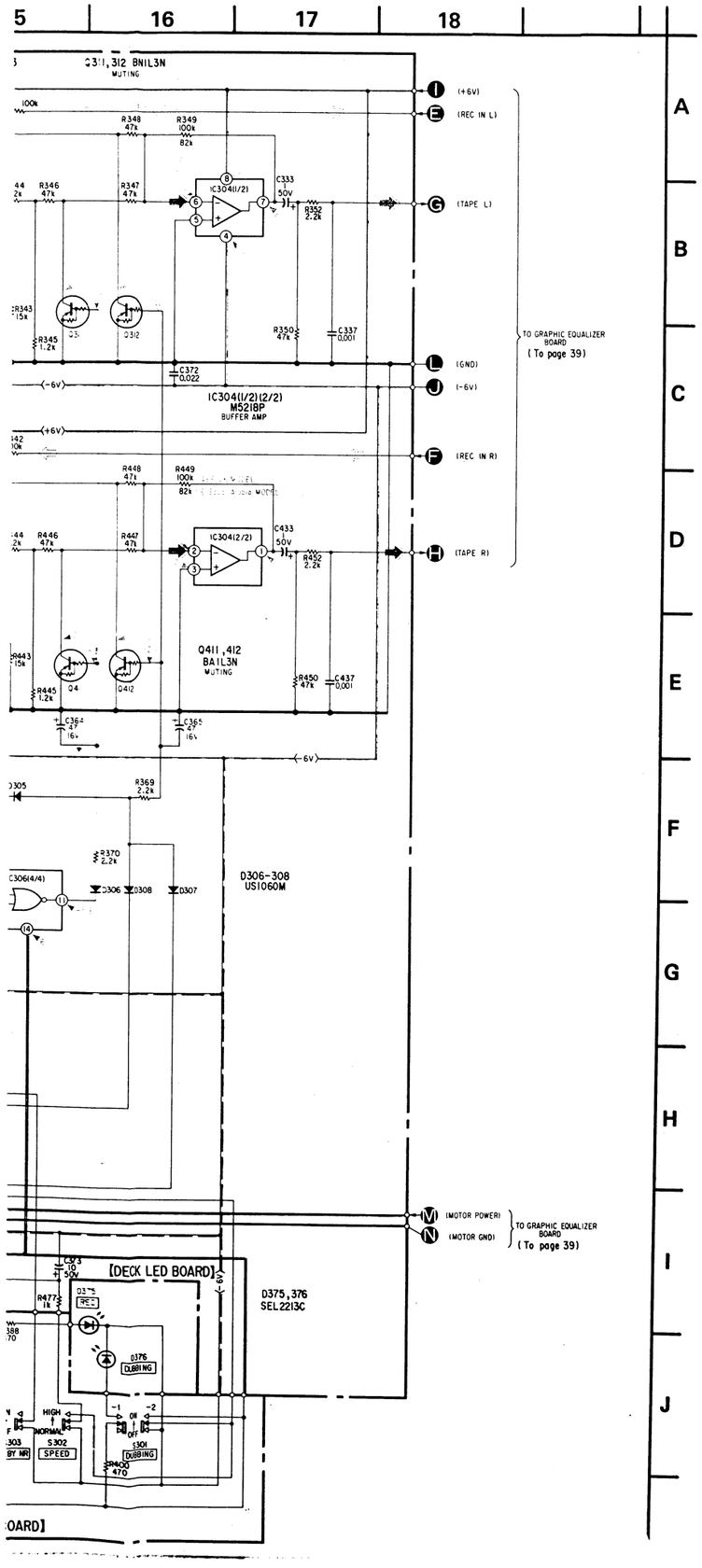



9
10
11
12
13
14
15
16
17
18
19
20
【MAIN BOARD】
【HEADPHONE BOARD】
【HEAD TRANSLATION BOARD】
【HEAD TRANSLATION BOARD】
CNJ901
AC OUTLET
SWITCHED
100W MAX
UK MODEL
AEP MODEL
AC IN
S304
1SS
TB701
SPEAKER
IMPEDANCE 6-16Ω
CNP901
CNJ702
CD/AUX
PHONO
BP904
TB901
TB902
F901
F902
F701
3A
F801
3A
R716
R816
S901
POWER
OFF
ON
(CHASSIS)
T901
POWER TRANSFORMER
CNJ301
CNJ401
CNJ403
CNJ402
CNJ452
CNJ302
CNJ451
CNJ307
CNJ151
CNJ202
CNJ201
DECK-A
DECK-B
S5 DIRECTION
S4 FF/REW
S6 DIRECTION
S3 MOTOR
S2 FWD
S1 70μ
S12 DIRECTION
S11 FF/REW
S13 DIRECTION
S10 MOTOR
S9 FWD
S8 70μ
S7 REC
D901
CNP108
CNP110
CNP109
CNP111
CNP201
CNP301
CNP401
CNP402
CNP403
CNP451
CNP452
CNP302
BP901
+12V
+6V
-6V
IC701
IC702
IC303
IC304
IC305
IC306
IC307
IC301
IC302
IC251
TP301
TP302
REC LEVEL
PB LEVEL
BIAS
RY301
PL292
PL291
TUNER OUT
AM
FM DISCRI OUT
MULL CHECK
CF051
CF052
CF102
T053
T101
T102
T301
L201
L202
L301
L302
L303
L401
L402
L403
AEP,UK MODEL
UK,E MODEL
E, Saudi Arabia MODEL


CNJ702
CD/AUX
PHONO
TB001
ANTENNA
AM
FM 75Ω
IC701
IC051
IC201
IC251
T051 MW ANT
T056 SW2/LW ANT
T054 SW1 ANT
CF051
T053
CT051
CT055
CT053
CT052
CT056
T057
T052
T055
CF052
CF201
CF001
CF102
CF101
T101
CP101
CNP101
NULL CHECK
CNP113
STEREO LED
FM DISCRI OUT
AEP,UK MODEL
E,Saudi Arabia MODEL
TUNER OUT
AM DET OUT
AM+B
MW OSC
SW2 OSC
SW1/LW OSC
SW1/LW +B
SW2 +B
MW +B
FM +B
CV
FM/MW
SW1/LW
0903
RED
E C B
RED WHT BLU
RED WHT BLU YEL
CNP108
CNJ110
CNJ109
CNJ111
TO GRAPHIC EQUALIZER BOARD
【TUNER SWTCH BOARD】
D201
FM STEREO
S 260
STEREO/ MUTE
S 259
BAND
S 258
MEMORY
S251
S252
S253
S254
S255
S256
S257
TUNING
CNJ 113
CNJ 251
WHT
RED
BLK
WHT
CNP201
12V
6V
GND
(CHASSIS)
BA251
LITHIUM BATTRY
(CR-2025)
WHEN BUTTON IS DEPRESSED (BAND)
E,Saudi Arabia MODEL
AEP,UK MODEL

4-6. SCHEMATIC DIAGRAM – CASSETTE PLAYER SECTION –





Note: (MAIN SECTION)

- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : BREAKER, CIRCUIT
- : MAIN signal path (FM)
- : MW signal path
- : PLAY BACK signal path
- : PHONO signal path
- : CD signal path
- : REC signal path
- Switch

Ref. No.	Switch	Position
S1	70μ	OFF
S2	FWD	OFF
S3	MOTOR	OFF
S4	FF/REW	OFF
S5	DIRECTION	OFF
S6	DIRECTION	OFF
S7	REC	OFF
S8	70μ	OFF
S9	FWD	OFF
S10	MOTOR	OFF
S11	FF/REW	OFF
S12	DIRECTION	OFF
S13	DIRECTION	OFF
S301	DUBBING	OFF
S302	SPEED	NORMAL
S303	DOLBY NR	OFF
S304	ISS	1
S305	REC MUTE	OFF
S501-1 – 4	TAPE	OFF
S501-5 – 8	CD/AUX	OFF
S501-9 – 12	TUNER	OFF
S501-13 – 16	PHONO	OFF
S502	DOL	OFF
S901	POWER	OFF
VS901	VOLTAGE SELECTOR	120, 220, 240 V

- : B+ bus.
- : B– bus.
- : adjustment for repair.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no-signal (detuned) conditions with a VOM (50 kΩ/V).

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Note: (TUNER SECTION)

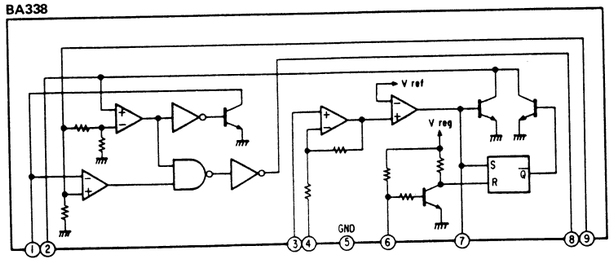
- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : MAIN signal path (FM)
- : MW signal path
- Switch

Ref. No.	SWITCH	Position
S251	PRESET 1	OFF
S252	2	OFF
S253	3	OFF
S254	4	OFF
S255	5	OFF
S256	TUNING +	OFF
S257	TUNING –	OFF
S258	MEMORY	OFF
S259	BAND	FM
S260	STEREO/MUTE	ON

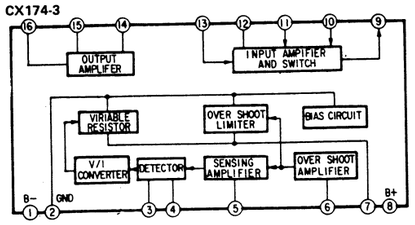
- : B+ bus.
- : B– bus.
- : adjustment for repair.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no-signal (detuned) conditions with a VOM (50 kΩ/V).
  - no mark : FM
  - ( ) : MW mode
  - < > : LW mode
  - (( )) : SW1 mode
  - << >> : SW2 mode
- Voltage variations may be noted due to normal production tolerances.

4-2. IC BLOCK DIAGRAMS

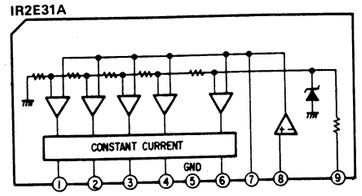
BA338



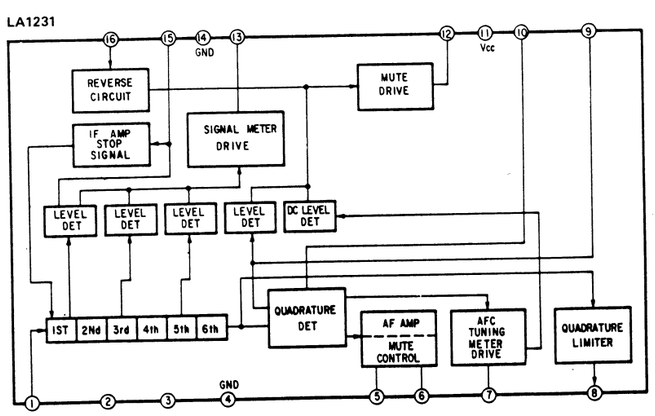
CX174-3



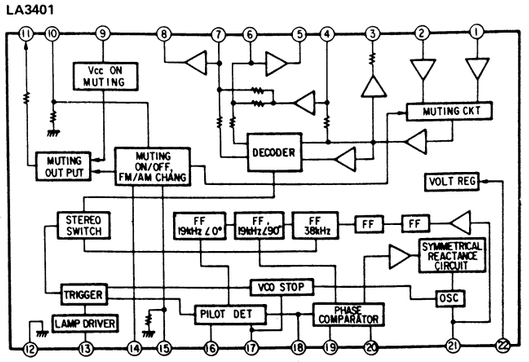
IR2E31A



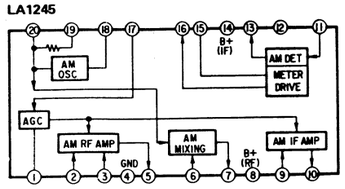
LA1231

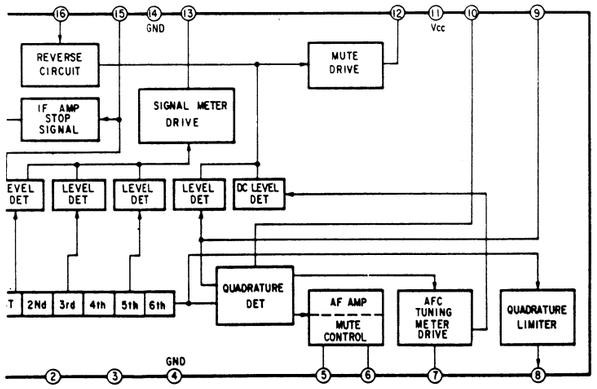


LA3401

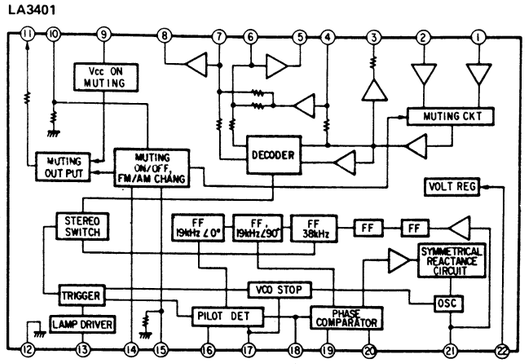


LA1245

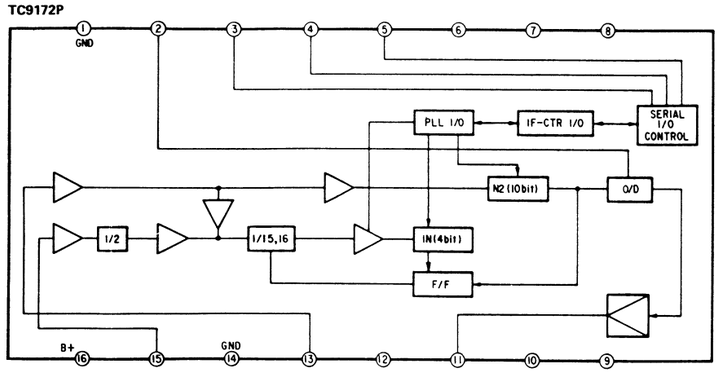


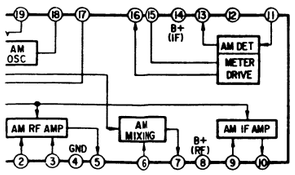


LA3401



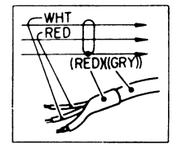
TC9172P





Note:

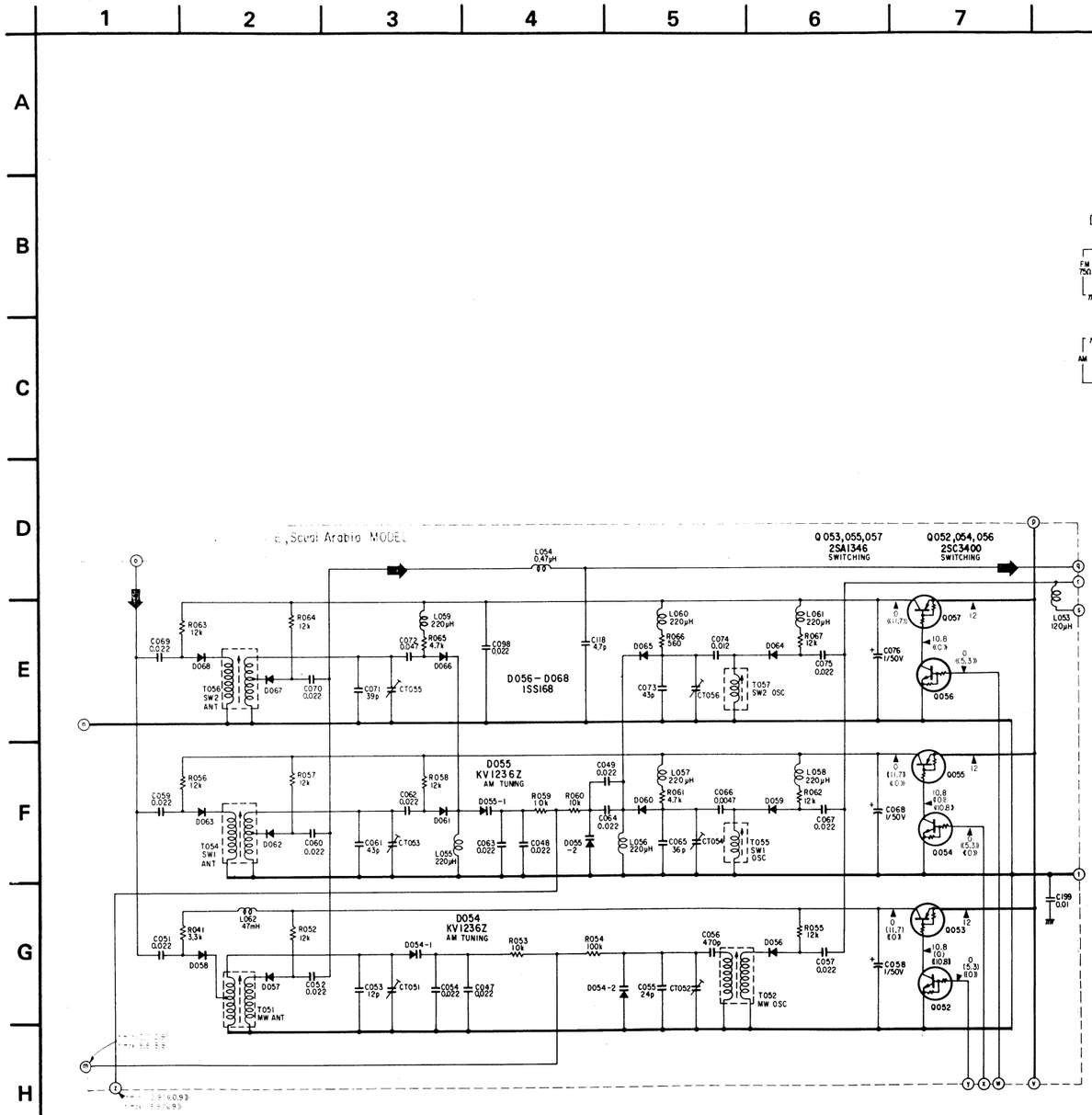
- Color code of sleeving over the end of the jacket.

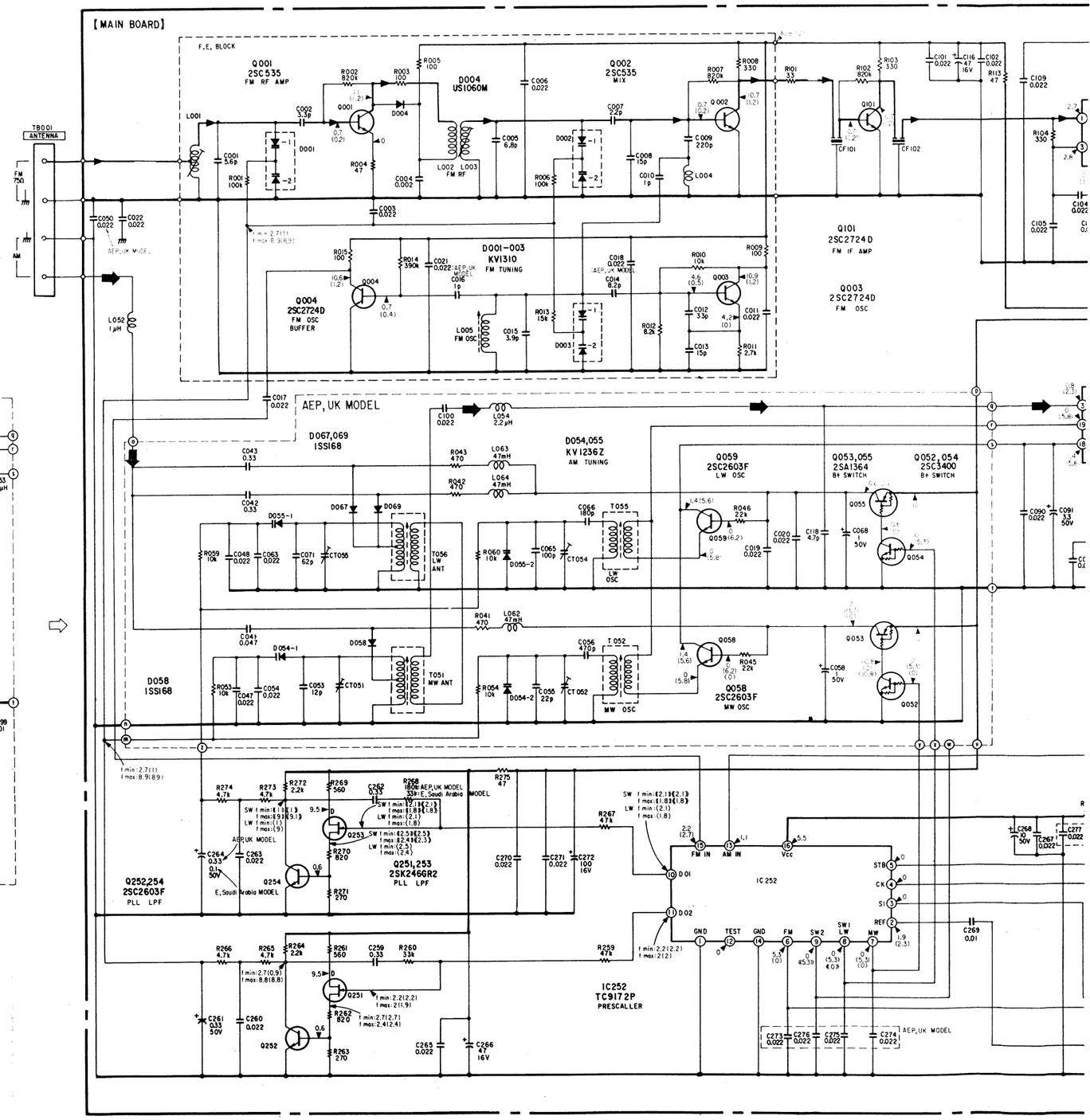


- △ : internal component.
- ■ : part mounted on the conductor side.
- ○— : parts extracted from the component side.

4-7. SCHEMATIC DIAGRAM – TUNER SECTION –

• See page 34 for notes.





15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

IC101 LA1231 FM IF AMP/DET

IC201 LA3401 FM MPX

IC051 LA1245 AM CIRCUIT

D101 US1060M

D201 SEL2210S-C

D202-204 US1060M

TUNER SWITCH BOARD (1/2)

Q052,054 2SC3400 B+ SWITCH

Q051 2SC2603F SWITCH

Q292,293 2SA1346 B+ SWITCHING

Q291 2SC3400 B+ SWITCHING

Q296 2SA1346 MUTE SWITCH

Q201,202 2SC3400 MUTNG

Q294,295 2SC2603F MUTE SWITCH

D051-053 US1060M

D291 HZ6B1L STABILIZER

D253-266,268,269,270 US1060M

D251,252 US1060M

D272,273 US1060M

IC251 TC9302AF-017 : AEP,UK MODEL TC9302AF-005 : E,Saudi Arabia MODEL CONTROLLER

LCD251 INDICATOR TUBE

BA251 BATTERY LITHIUM (CR2025)

S256,257 TUNING — S251-256 PRESET

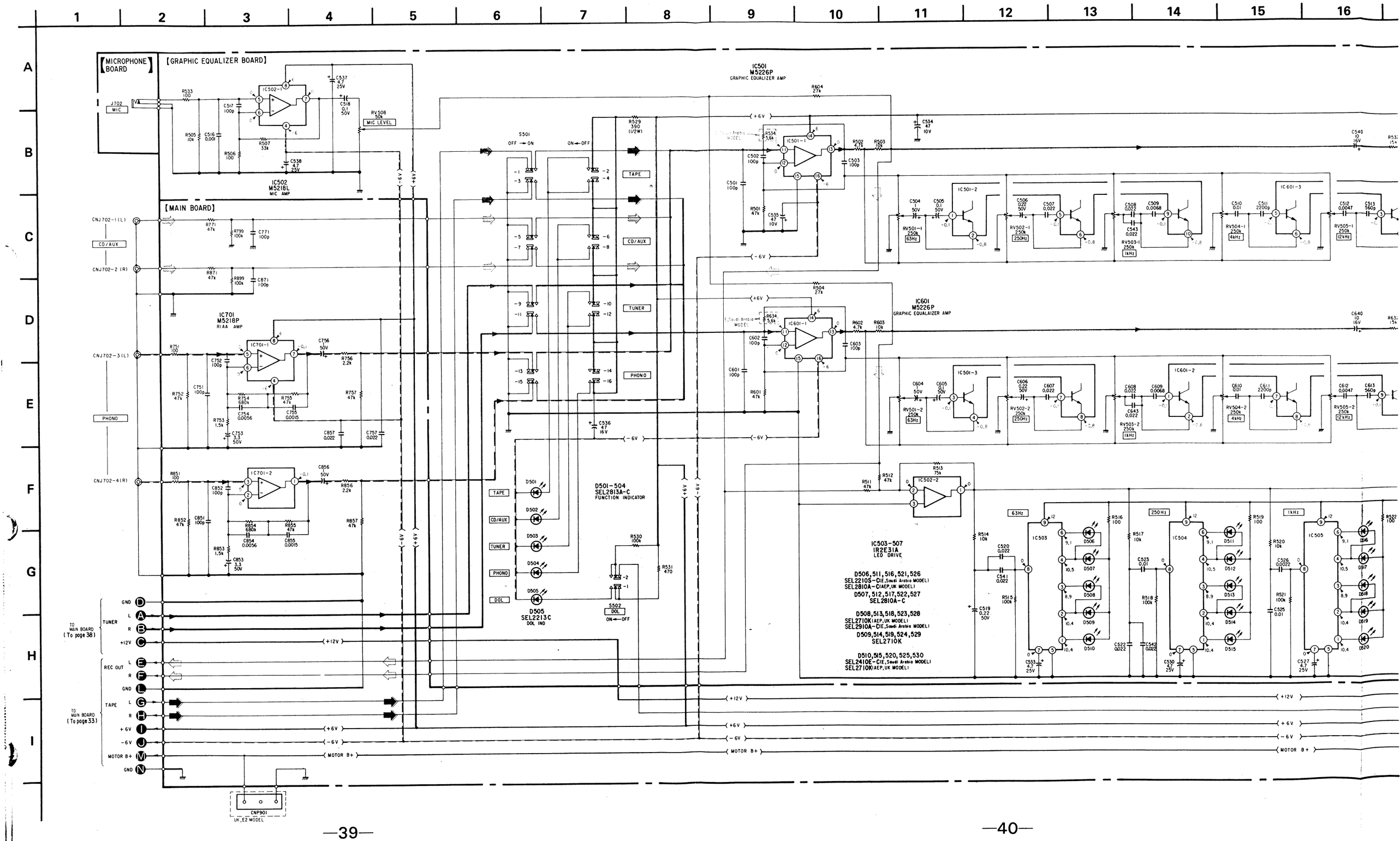
S260 STEREO/MUTE — S259 BAND — S258 MEMORY — S257 − — S256 + — S255 5 — S254 4 — S253 3 — S252 2 — S251 1

TO GRARHIC EQUALIZER BOARD (To page 39)

+12V — +6V — GND

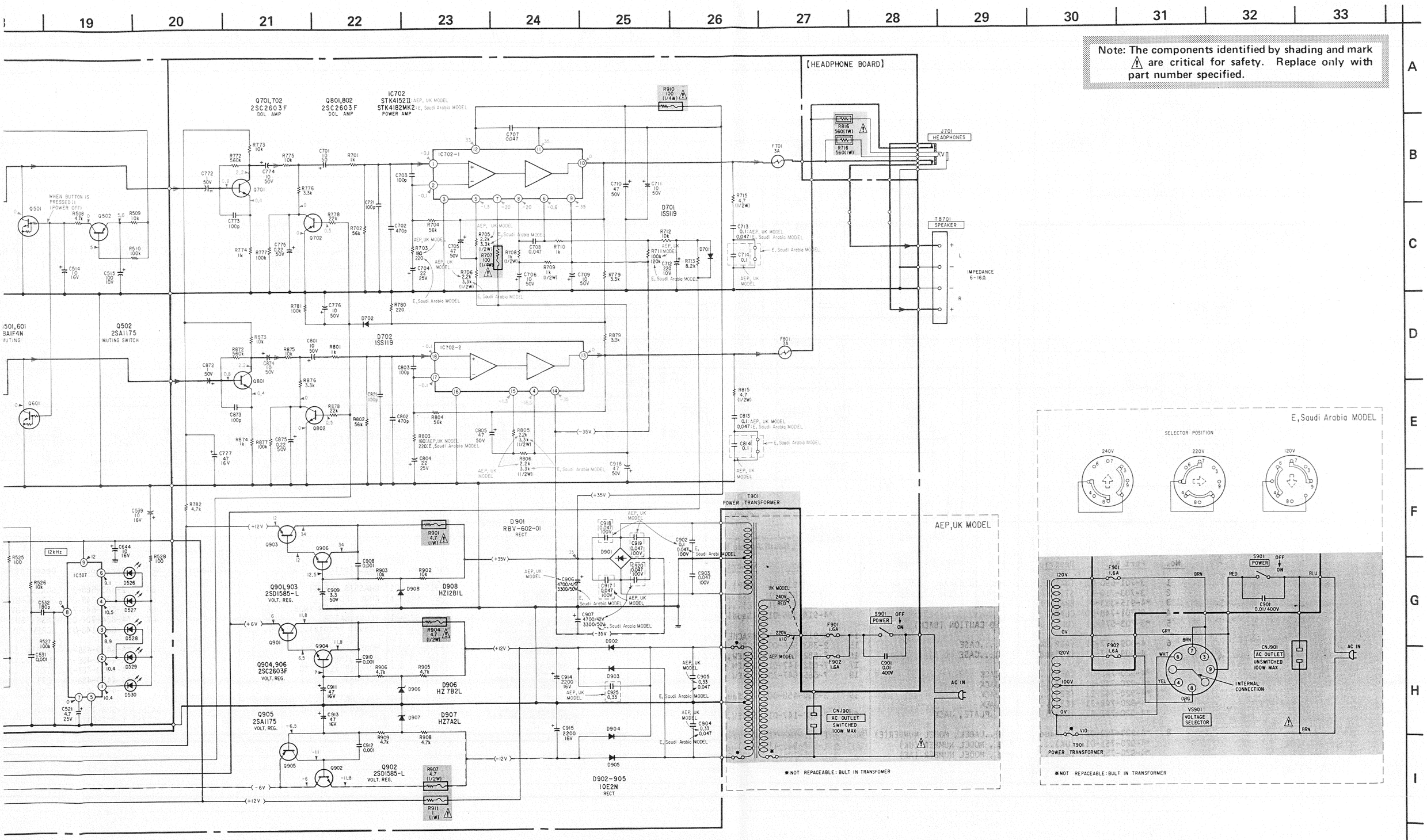
4-8. SCHEMATIC DIAGRAM – GRAPHIC EQUALIZER, POWER SUPPLY SECTION –

• See page 34 for notes.



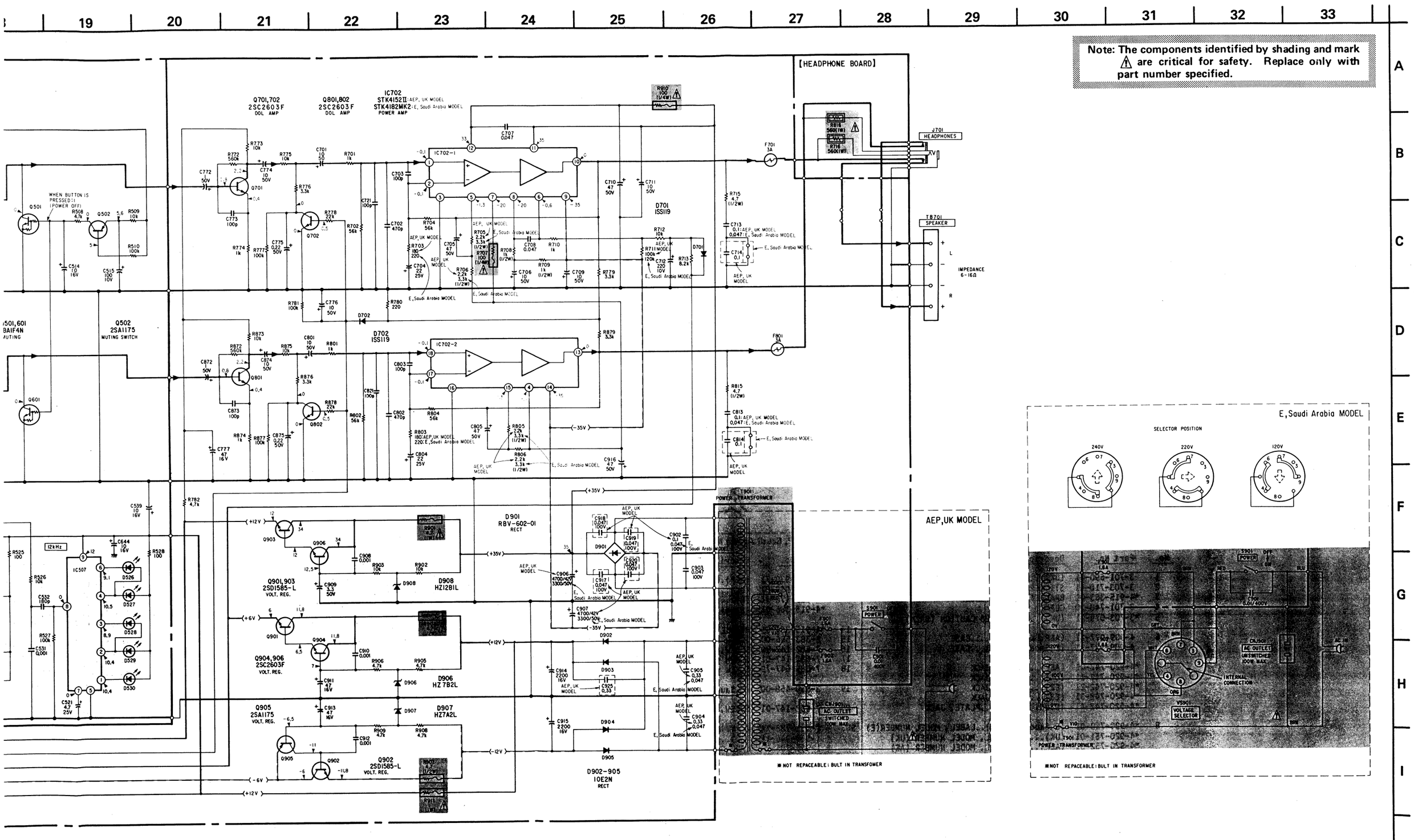
HST-D5

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.



HST-D5

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.



SECTION 5
EXPLODED VIEWS AND PARTS LIST

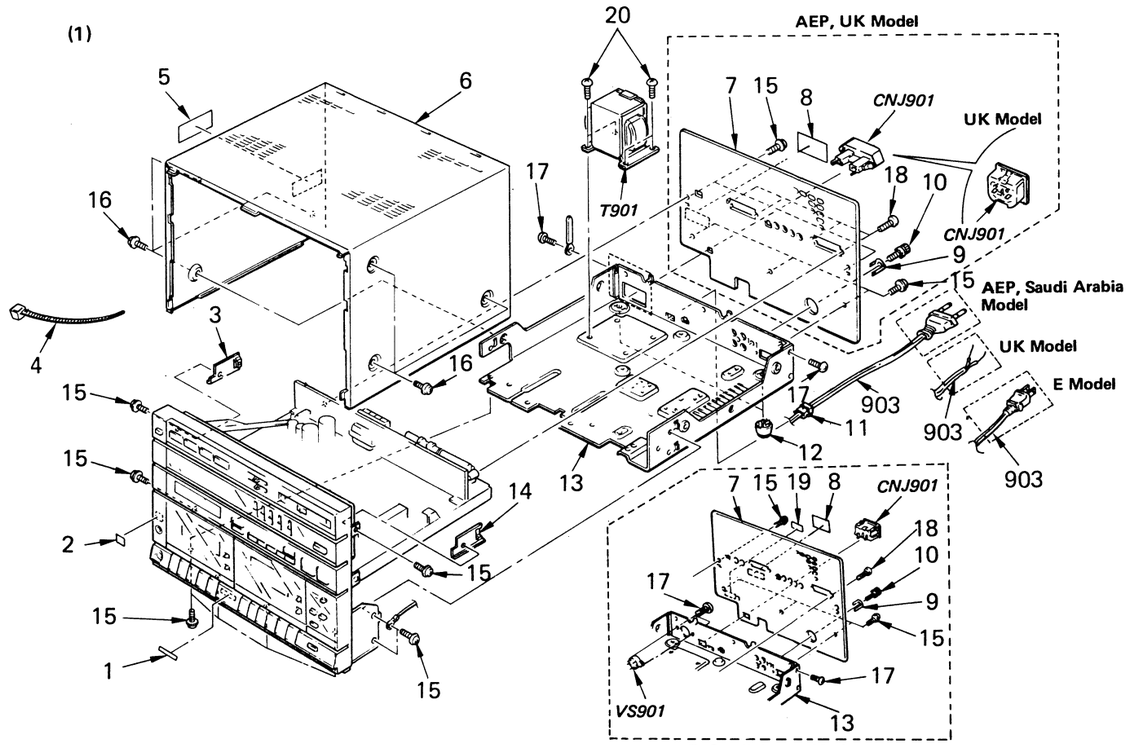
NOTE:
The mechanical parts with no reference number in the exploded views are not supplied.

· Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

· The construction parts of an assembled part are indicated with a collation number in the remark column.

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

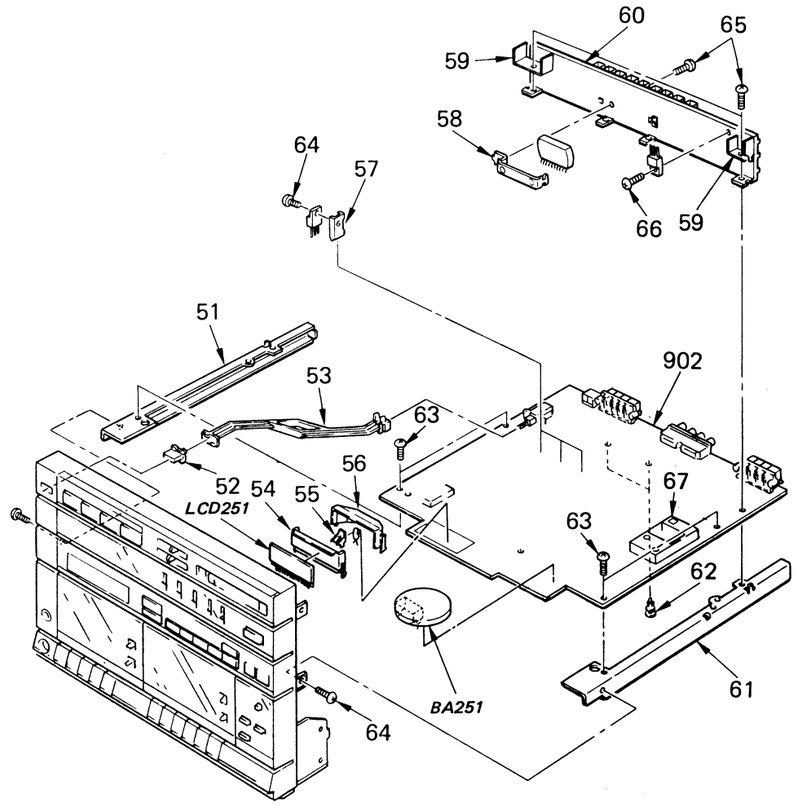
(1)



No.	Part No.	Description	Remarks
1	3-701-690-01	(UK)...LABEL, MADE IN JAPAN	
2	3-703-710-41	STICKER, SONY SYMBOL (12)	
3	*4-915-363-01	BRACKET (LEFT), CASE	
4	3-701-748-00	CLAMP	
5	*3-703-079-21	(UK)...LABEL, SUB CAUTION (BACK)	
6	4-909-937-21	(AEP,UK).....CASE	
	4-909-937-51	(E,Saudi Arabia)...CASE	
7	*4-920-742-01	(AEP)...PLATE, JACK	
	*4-920-742-11	(UK)....PLATE, JACK	
	*4-920-742-21	(E2)....PLATE, JACK	
	*4-920-742-31	(E3)....PLATE, JACK	
	*4-920-742-41	(Saudi Arabia)...PLATE, JACK	
8	*4-920-750-01	(E,Saudi Arabia)..LABEL, MODEL NUMBER(E)	
	*4-920-751-01	(UK).....LABEL, MODEL NUMBER (UK)	
	*4-920-752-01	(AEP).....LABEL, MODEL NUMBER (AE)	
9	3-701-993-00	(AEP,Saudi Arabia,E3)...SPACER, TERMINAL	
10	3-706-165-00	(AEP,Saudi Arabia,E3)...SCREW	
11	*3-703-244-00	(AEP,US,Saudi Arabia) ...BUSHING (2104), CORD	
	3-703-571-00	(E).....BUSHING (4516), CORD	
12	X-4915-404-1	FOOT ASSY	

No.	Part No.	Description	Remarks
13	*4-909-938-71	(AEP).....CHASSIS	
	*4-909-938-81	(UK).....CHASSIS	
	*4-909-938-91	(E).....CHASSIS	
	*4-915-386-01	(Saudi Arabia)...CHASSIS	
14	*4-915-364-01	BRACKET (RIGHT), CASE	
15	2-383-566-00	SCREW	
16	7-682-147-09	SCREW, M3 CASE	
17	7-682-147-01	SCREW +BVTT 3X6 (S)	
18	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
19	3-550-458-00	(E,Saudi Arabia)...LABEL, CAUTION, VOLTAGE SELECT	
20	7-682-147-01	SCREW, S TIGHT, +PTTWH 3X6	
903	⚠1-551-188-XX	(E).....CORD, POWER	
	⚠1-558-946-11	(UK).....CORD, POWER	
	⚠1-555-795-00	(AEP,Saudi Arabia)..CORD, POWER, EULO PLUG	
⚠CNJ901	1-526-751-11	(UK).....OUTLET, AC	
⚠CNJ901	1-526-774-11	(E3).....OUTLET, AC	
⚠CNJ901	1-526-794-11	(AEP,Saudi Arabia)...OUTLET, AC	
⚠CNP901	1-564-358-00	(E2,UK)...PIN, CONNECTOR, 3P	
T901	⚠1-448-532-11	(AEP,UK).....TRANSFORMER, POWER	
T901	⚠1-448-533-11	(E,Saudi Arabia)...TRANSFORMER, POWER	
VS901	⚠1-526-576-51	(E,Saudi Arabia)...VOLTAGE SELECTOR SWITCH	

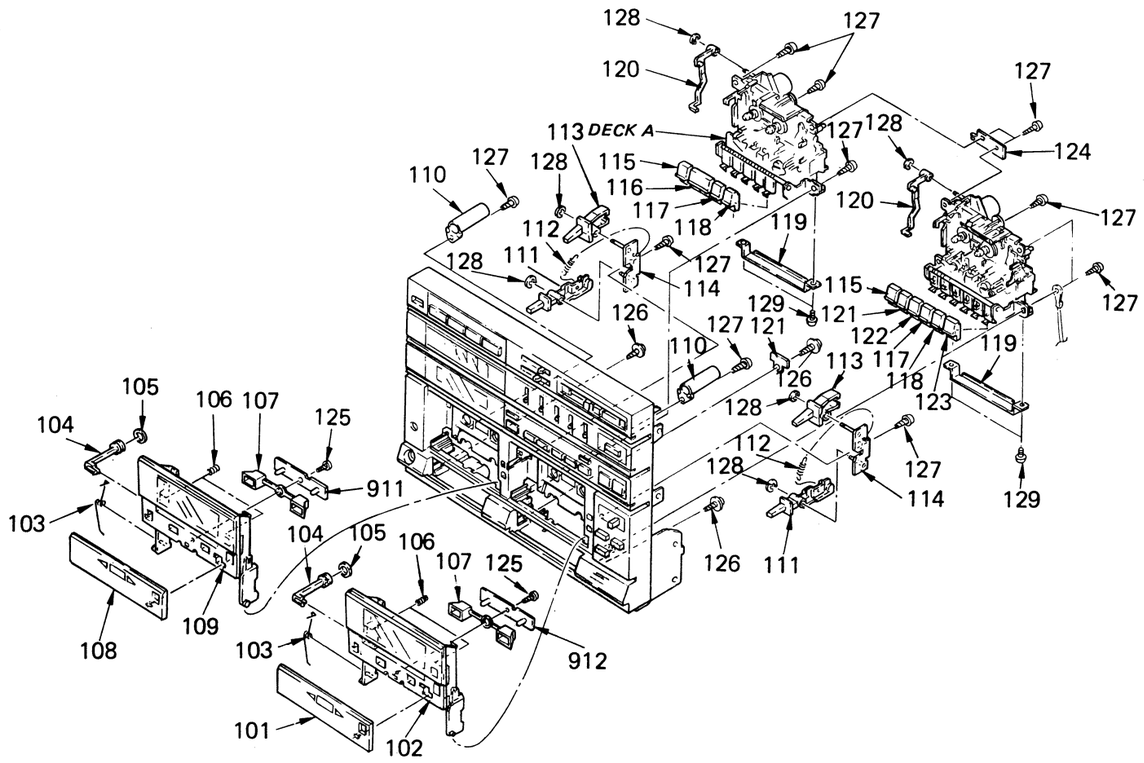
(2)



No.	Part No.	Description	Remarks
51	*4-915-321-01	CHASSIS (LEFT)	
52	4-907-611-61	KNOB, POWER	
53	*4-915-345-01	JOINT, POWER KNOB	
54	*4-915-376-01	ILLUMINATOR	
55	*4-904-507-01	(Saudi Arabia)...BLIND, LAMP	
56	*4-904-515-01	HOUSE, LAMP	
57	*3-309-144-31	HEAT SINK	
58	*4-915-382-01	BRACKET (EX), IC	
59	*4-915-391-01	SUPPORT	
60	*4-915-383-01	(AEP,UK).....HEAT SINK	
	*4-915-383-11	(E,Saudi Arabia)...HEAT SINK	
61	4-915-323-01	CHASSIS (RIGHT)	
62	4-812-134-00	RIVET NYLON, 3.5	
63	7-682-147-01	SCREW, S TIGHT, +PTTWH 3X6	

No.	Part No.	Description	Remarks
64	2-383-566-00	SCREW	
65	7-682-149-01	SCREW +BVTT 3X10 (S)	
66	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
67	*4-874-704-01	CASE, SHIELD	
68	7-682-148-01	SCREW +BVTT 3X8 (S)	
902	*A-4410-485-A	(AEP)....MOUNTED PCB, MAIN	
	*A-4410-486-A	(UK).....MOUNTED PCB, MAIN	
	*A-4410-487-A	(E2).....MOUNTED PCB, MAIN	
	*A-4410-488-A	(E3).....MOUNTED PCB, MAIN	
	*A-4410-489-A	(Saudi Arabia)...MOUNTED PCB, MAIN	
BA251	1-528-120-00	BATTERY, LITHIUM (CR-2025)	
LCD251	1-807-847-11	DISPLAY PANEL, LIQUID CRYSTAL	

(3)



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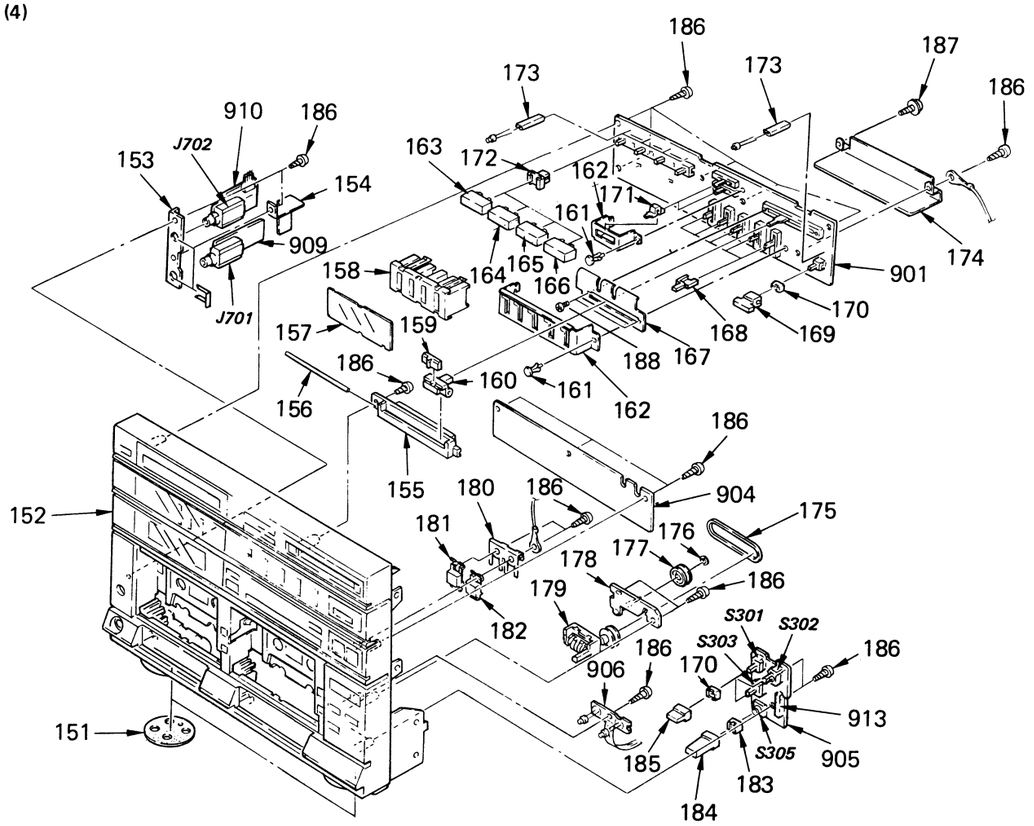


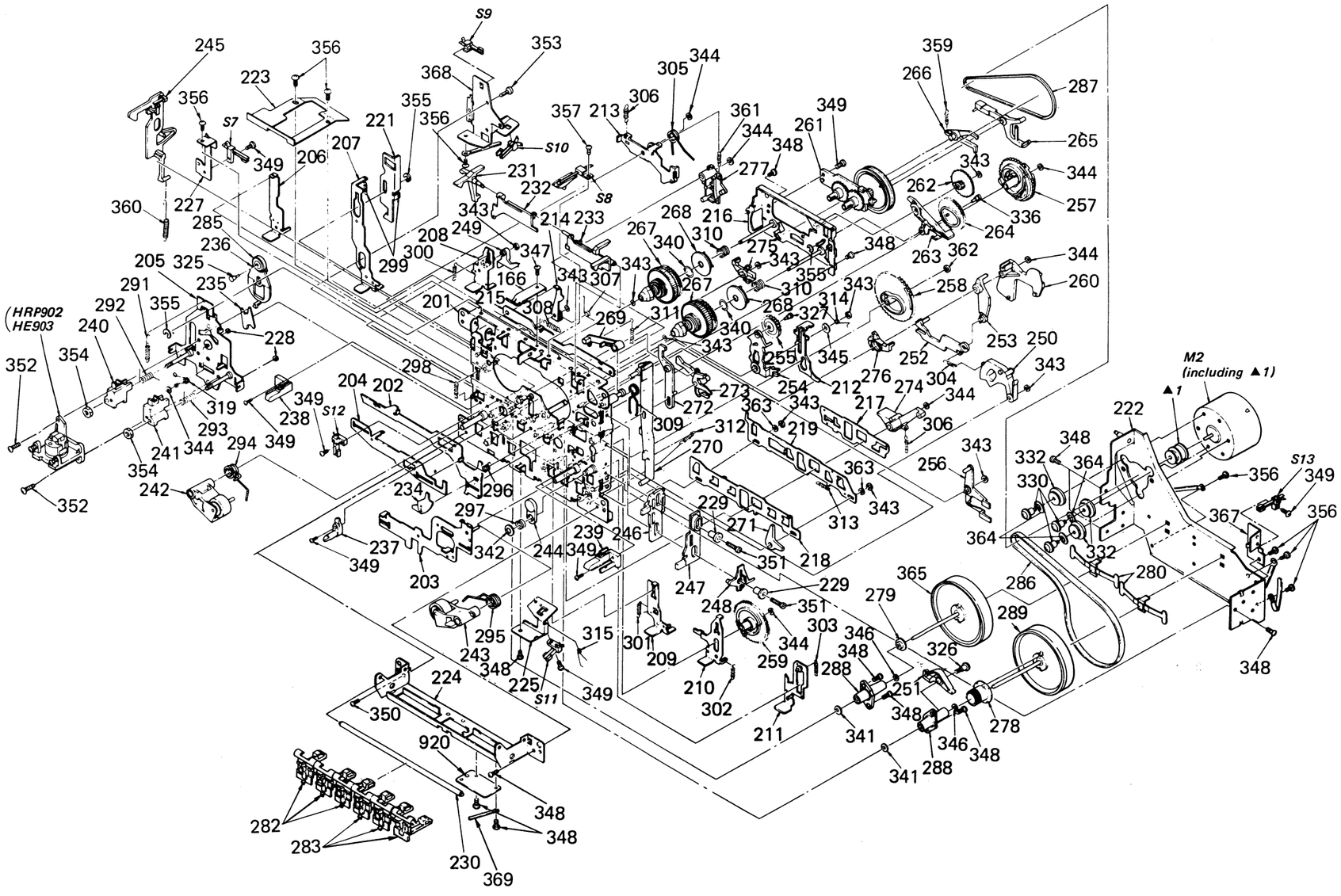
Remarks	No.	Part No.	Description	Remarks
	101	X-4914-927-1	(AEP,UK)...PLATE (B) ASSY, ORNAMENTAL	
		X-4914-929-1	(E,Saudi Arabia) ...PLATE (B) ASSY, ORNAMENTAL	
	102	A-4381-060-A	HOLDER (B) ASSY, CASSETTE	
	103	4-915-310-21	SPRING	
	104	*4-915-331-01	PISTON (30)	
	105	3-312-441-11	RING, PISTON	
	106	3-610-808-00	SPRING (1)	
	107	*4-915-307-01	COVER, LED	
MAIN	108	X-4914-926-1	(AEP,UK)...PLATE (A) ASSY, ORNAMENTAL	
		X-4914-928-1	(E,Saudi Arabia) ...PLATE (A) ASSY, ORNAMENTAL	
	109	A-4381-058-A	HOLDER (A) ASSY, CASSETTE	
	110	3-576-273-00	CYLINDER, AIR	
	111	4-915-343-01	LEVER, DIRECTION	
	112	3-642-490-00	SPRING, TENSION	
	113	4-915-317-01	LEVER, MODE	

No.	Part No.	Description	Remarks
114	*X-4915-301-1	BRACKET ASSY, KNOB	
115	4-915-334-21	BUTTON, STOP	
116	4-920-746-01	BUTTON (A), FWD	
117	4-915-332-21	BUTTON, REW	
118	4-915-333-21	BUTTON, FF	
119	*4-915-362-01	HOLDER, MD	
120	*4-915-330-01	LEVER, EJECT	
121	4-915-335-01	BUTTON, REC	
122	4-915-337-21	BUTTON, PLAY	
123	4-915-336-21	BUTTON, PAUSE	
124	*4-916-885-01	PLATE, GROUND, MD	
125	7-685-533-21	SCREW +BTP 2.6X6 TYPE2 SLIT	
126	3-703-135-00	SCREW, TAPPING	
127	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
128	7-624-104-04	STOP RING 2.0, TYPE -E	
129	7-621-259-35	SCREW +BVTT 2.6X5 (S)	
130	*4-915-303-01	RETAINER, CASSETTE HOLDER	
911	*1-622-366-11	PC BOARD, DIRECTION (A)	
912	*1-622-367-11	PC BOARD, DIRECTION (B)	

No.	Part No.	Description	Remarks
151	4-917-236-01	FELT, FOOT	
152	X-4914-930-1	(AEP,UK).....PANEL ASSY, FRONT	
	X-4914-931-1	(E,Saudi Arabia)...PANEL ASSY, FRONT	
153	*4-915-312-01	BRACKET, JACK	
154	*4-915-369-01	INSULATOR	
155	*4-915-342-01	HOUSE, VOLUME	
156	*4-915-315-01	SHAFT, SLIDE	
157	*4-909-975-01	PLATE (5 GANG), INDICATION	
158	*4-915-346-01	HOUSE (5 GANG), LAMP	
159	4-910-075-41	KNOB, VOLUME	
160	*4-910-061-11	JOINT, CONTROL	
161	4-812-134-11	RIVET NYLON, 3.5	
162	*4-915-341-01	PLATE (B), SHIELD	
163	4-915-340-41	KNOB, FUNCTION	
164	4-915-340-51	KNOB, FUNCTION	
165	4-915-340-61	KNOB, FUNCTION	
166	4-915-340-71	KNOB, FUNCTION	
167	*4-916-883-01	PLATE (I), SHIELD	
168	4-920-744-01	KNOB, GREPHIC EQUALIZER	
169	4-915-338-01	(Saudi Arabia)...KNOB, SQUARE	
	4-915-338-31	(AEP,UK,E).....KNOB, SQUARE	
170	*4-864-307-00	RING	
171	4-915-356-11	(Saudi Arabia)...KNOB, SLIDE VOLUME	
	4-915-356-31	(AEP,UK,E).....KNOB, SLIDE VOLUME	
172	4-910-058-01	JOINT, KNOB	
173	*3-317-118-00	HOLDER (A), LED	
174	*4-915-381-01	PLATE, SHIELD	
175	3-541-170-00	BELT, COUNTER	

No.	Part No.	Description	Remarks
176	3-558-708-01	WASHER, STOPPER	
177	*4-915-308-01	PULLEY, MIDWAY	
178	*X-4915-303-1	BRACKET ASSY, COUNTER	
179	1-548-589-41	COUNTER, TAPE (MIDDLE TYPE)	
180	4-915-379-01	RETAINER, BUTTON	
181	4-915-372-21	BUTTON, UP-DOWN	
182	4-915-372-31	BUTTON, UP-DOWN	
183	4-881-725-00	RING (TACT), FLEXIBLE	
184	4-909-986-31	KNOB (RM), SQUARE	
185	3-318-909-11	KNOB, PUSH	
186	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
187	3-701-589-21	SCREW, +PTP 3X8	
188	7-627-553-17	SCREW, PRECISION +P 2X2	
189	*4-915-327-01	PLATE (A), SHIELD	
901	*A-4375-313-A	MOUNTED PCB, GRAPHIC EQUALIZER	
904	*1-622-370-11	PC BOARD, TACT SW MT	
905	*1-622-371-11	PC BOARD, DECK SW	
906	*1-622-372-11	PC BOARD, DECK LED	
909	*1-622-364-11	PC BOARD, HEADPHONE	
910	*1-622-365-11	PC BOARD, MICROPHONE	
913	*1-562-328-00	SOCKET, CONNECTOR 7P	
J701	1-507-849-00	JACK, LARGE TYPE (HEADPHONES)	
J702	1-507-857-00	JACK, LARGE TYPE (MIC)	
S301	1-554-444-00	SWITCH, PUSH (1 KEY)(DUBBING)	
S302	1-554-444-00	SWITCH, PUSH (1 KEY)(SPEED)	
S303	1-554-444-00	SWITCH, PUSH (1 KEY)(DOLBY NR)	
S305	1-552-412-00	SWITCH, KEY BOARD (REC MUTE)	

(5) DECK B: TCM-881F



No.	Part No.	Description	Remarks
201	*3-598-601-01	CHASSIS ASSY (B)	
202	*3-390-106-01	LEVER (C), RV	
203	*3-598-603-01	LEVER ASSY, RV	
204	*3-598-604-01	STOPPER (B), REC	
205	*3-598-605-01	CHASSIS ASSY, HEAD	
206	*3-598-606-01	LEVER, STOP	
207	3-598-607-01	LEVER, REC	
208	*3-598-608-01	LEVER ASSY, PLAY	
209	*3-598-609-01	LEVER, REW	
210	*3-598-610-01	LEVER, FF	
211	*3-598-611-01	LEVER ASSY, PAUSE	
212	3-598-612-01	CANCELLER, AUTO	
213	*3-598-613-01	ARM ASSY, SHIFT	
214	*3-598-614-01	ARM, REC CONTROL	
215	*3-598-615-01	STOPPER (A), REC	
216	3-598-713-01	BRACKET ASSY (B), REEL	
217	*3-390-103-01	CAM, INTER LOCK	
218	*3-390-102-01	CAM (B), LOCK	
219	*3-598-619-01	CAM (ES) (B), LOCK	
221	*3-598-621-01	ARM (A), REC	
222	*3-390-101-01	BRACKET, MOTOR	
223	*3-390-107-01	BRACKET, SELECT SW	
224	*3-598-624-01	BKT (S), BUTTON	
225	*3-598-626-01	BKT, SW	
227	*3-390-105-01	BRACKET, REC SW	
228	*3-598-627-01	ROLLER, GUIDE	
229	3-598-628-01	COLLER	
230	*3-598-629-01	SHAFT, BUTTON	
231	3-598-630-01	SENSOR (LEFT), REC	
232	3-598-631-01	SENSOR (M), REC	
233	3-598-632-01	SENSOR (RIGHT), REC	
234	3-598-762-01	ARM, I MODE	
235	3-598-634-01	ARM, IDLER	
236	3-598-635-01	ARM, P IDLER	
237	3-598-636-01	POLE, GUIDE	
238	3-598-637-01	GUIDE (LEFT), CASSETTE	
239	3-598-638-01	GUIDE (RIGHT), CASSETTE	
240	3-598-639-01	GUIDE (LEFT), TAPE	
241	3-598-640-01	GUIDE (RIGHT), TAPE	
242	3-598-641-01	ARM ASSY (LEFT), P ROLLER	
243	3-598-642-01	ARM ASSY (RIGHT), P ROLLER	
244	3-598-643-01	CAM, PAUSE	
245	3-598-644-01	LEVER, EJECT	
246	3-598-645-01	LEVER, MODE	
247	3-598-646-01	LEVER, DIRECTION	
248	3-598-647-01	ARM, DIRECTION STOPPER	
249	3-598-648-01	ARM, PLAY	
250	3-598-649-01	ARM (F/R), GEAR LOCK	
251	3-598-650-01	ARM, F/R	
252	3-598-652-01	LEVER (A), P CONTROL	
253	3-598-651-01	LEVER (B), P CONTROL	
254	3-598-653-01	ARM, F/R IDLER	
255	3-598-654-01	GEAR, F/R	
256	3-598-655-01	LEVER (B), REC CONTROL	

No.	Part No.
257	3-598-656-
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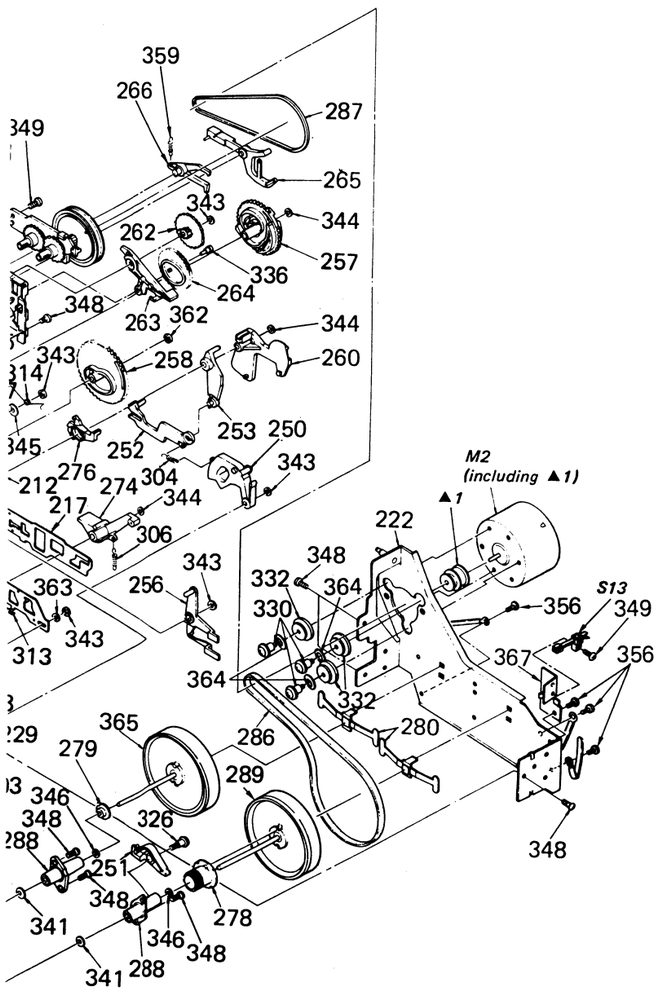
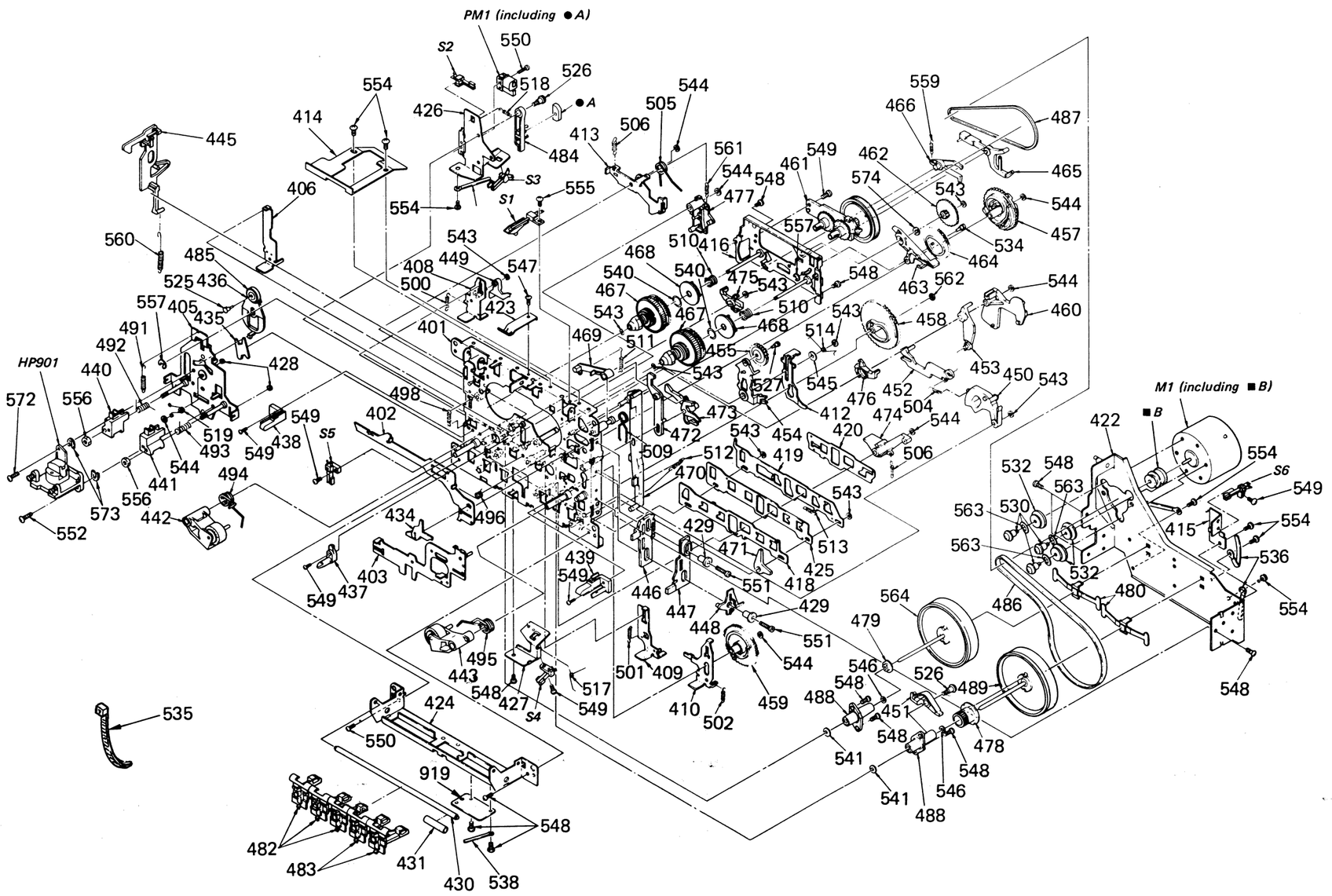


No.	Part No.	Description	Remarks
201	*3-598-601-01	CHASSIS ASSY (B)	
202	*3-390-106-01	LEVER (C), RV	
203	*3-598-603-01	LEVER ASSY, RV	
204	*3-598-604-01	STOPPER (B), REC	
205	*3-598-605-01	CHASSIS ASSY, HEAD	
206	*3-598-606-01	LEVER, STOP	
207	3-598-607-01	LEVER, REC	
208	*3-598-608-01	LEVER ASSY, PLAY	
209	*3-598-609-01	LEVER, REW	
210	*3-598-610-01	LEVER, FF	
211	*3-598-611-01	LEVER ASSY, PAUSE	
212	3-598-612-01	CANCELLER, AUTO	
213	*3-598-613-01	ARM ASSY, SHIFT	
214	*3-598-614-01	ARM, REC CONTROL	
215	*3-598-615-01	STOPPER (A), REC	
216	3-598-713-01	BRACKET ASSY (B), REEL	
217	*3-390-103-01	CAM, INTER LOCK	
218	*3-390-102-01	CAM (B), LOCK	
219	*3-598-619-01	CAM (ES) (B), LOCK	
221	*3-598-621-01	ARM (A), REC	
222	*3-390-101-01	BRACKET, MOTOR	
223	*3-390-107-01	BRACKET, SELECT SW	
224	*3-598-624-01	BKT (S), BUTTON	
225	*3-598-626-01	BKT, SW	
227	*3-390-105-01	BRACKET, REC SW	
228	*3-598-627-01	ROLLER, GUIDE	
229	3-598-628-01	COLLER	
230	*3-598-629-01	SHAFT, BUTTON	
231	3-598-630-01	SENSOR (LEFT), REC	
232	3-598-631-01	SENSOR (M), REC	
233	3-598-632-01	SENSOR (RIGHT), REC	
234	3-598-762-01	ARM, I MODE	
235	3-598-634-01	ARM, IDLER	
236	3-598-635-01	ARM, P IDLER	
237	3-598-636-01	POLE, GUIDE	
238	3-598-637-01	GUIDE (LEFT), CASSETTE	
239	3-598-638-01	GUIDE (RIGHT), CASSETTE	
240	3-598-639-01	GUIDE (LEFT), TAPE	
241	3-598-640-01	GUIDE (RIGHT), TAPE	
242	3-598-641-01	ARM ASSY (LEFT), P ROLLER	
243	3-598-642-01	ARM ASSY (RIGHT), P ROLLER	
244	3-598-643-01	CAM, PAUSE	
245	3-598-644-01	LEVER, EJECT	
246	3-598-645-01	LEVER, MODE	
247	3-598-646-01	LEVER, DIRECTION	
248	3-598-647-01	ARM, DIRECTION STOPPER	
249	3-598-648-01	ARM, PLAY	
250	3-598-649-01	ARM (F/R), GEAR LOCK	
251	3-598-650-01	ARM, F/R	
252	3-598-652-01	LEVER (A), P CONTROL	
253	3-598-651-01	LEVER (B), P CONTROL	
254	3-598-653-01	ARM, F/R IDLER	
255	3-598-654-01	GEAR, F/R	
256	3-598-655-01	LEVER (B), REC CONTROL	
257	3-598-656-01	GEAR, RV CAM	
258	3-598-657-01	GEAR, P CAM	
259	3-598-658-01	GEAR, F/R CAM	
260	3-598-659-01	ARM (RV), GEAR LOCK	
261	3-598-660-01	CLUTCH ASSY (B)	
262	3-598-661-01	GEAR, AUTO	
263	3-598-662-01	ARM, AUTO CAM	
264	3-598-663-01	GEAR (B), AUTO CAM	
265	3-598-664-01	SENSOR, AUTO	
266	3-598-665-01	ARM, AUTO	
267	3-598-666-01	REEL (B) ASSY	
268	3-598-667-01	CLUTCH, AUTO	
269	3-598-668-01	ARM, AS DIRECTION	
270	3-598-669-01	LEVER, AUTO STOP	
271	3-598-670-01	LEVER, CAM RELEASE	
272	3-598-671-01	ARM, MODE	
273	3-598-672-01	ARM, DIRECTION	
274	3-598-673-01	ARM (F/R), SHIFT	
275	3-598-675-01	ARM (RIGHT), BRAKE	
276	3-598-674-01	ARM (LEFT), BRAKE	
277	3-598-676-01	ARM (P), GEAR LOCK	
278	3-598-677-01	GEAR, FLYWHEEL	
279	3-598-678-01	COLLER, FLYWHEEL	
280	3-598-679-01	SPACER, CAPSTAN	
282	3-598-681-01	LEVER (LEFT), BUTTON	
283	3-598-682-01	LEVER (RIGHT), BUTTON	
285	3-598-683-01	IDLER	
286	3-390-112-01	BELT, DRIVE	
287	3-390-113-01	BELT, FR	
288	3-598-686-01	BEARING ASSY	
289	3-598-687-01	FLYWHEEL (D)	
291	3-598-689-01	SP, IDLER	
292	3-598-690-01	SP (L), TAPE GUIDE	
293	3-598-691-01	SP (RIGHT), TAPE GUIDE	
294	3-598-692-01	SP (LEFT), P ROLLER	
295	3-598-693-01	SP (RIGHT), P ROLLER	
296	3-598-694-01	SP, HEAD CHASSIS RETURN	
297	3-598-695-01	SP, PAUSE CAM	
298	3-598-696-01	SP, STOP LEVER	
299	3-598-697-01	SP, REC LEVER	
300	3-598-698-01	SP, PLAY LEVER	
301	3-598-699-01	SP, REW LEVER	
302	3-598-700-01	SP, FF LEVER	
303	3-598-701-01	SP, PAUSE LEVER	
304	3-598-702-01	SP, P CONTROL LEVER	
305	3-598-703-01	SP, SHIFT ARM	
306	3-598-704-01	SP, SHIFT ARM RETURN	
307	3-598-705-01	SP, REC CONTROL ARM	
308	3-598-706-01	SP, REC STOPPER	
309	3-598-707-01	SP, RV ARM	
310	3-598-708-01	SP (B), BACK TENSION	
311	3-598-709-01	SP-B, AS DIRECTION ARM	
312	3-598-710-01	SP, AUTO STOP	
313	3-598-711-01	SP, CAM	
314	3-598-712-01	SP, BRAKE ARM	
315	3-598-714-01	SP, SOLENOID	
319	3-598-716-01	SP (B), P IDLER	
325	3-598-717-01	SHAFT, IDLER	
326	3-598-718-01	SCREW, SPECIAL	
327	3-598-719-01	SHAFT (F/R), GEAR	
330	3-390-109-01	SCREW (B)	
331	3-390-110-01	CUSHION, MOTOR	
336	3-598-758-01	SHAFT, AUTO CAM	
340	3-598-720-01	FELT, AUTO CLUTCH	
341	3-554-222-00	WASHER (2), CAPSTAN	
342	7-623-923-01	WASHER, PLASTIC	
343	3-598-763-01	WASHER, POLYETHYLENE	
344	3-326-162-01	WASHER, POLYETHYLENE, SLIT	
346	3-701-437-11	WASHER, PLASTIC	
347	7-685-780-01	SCREW PTT 2X3	
348	7-621-255-25	SCREW P2X4	
349	7-685-782-01	SCREW, PTT 2X5	
350	7-685-784-01	SCREW, +PTT 2X8	
351	7-685-785-01	SCREW, +PTT 2X10	
352	7-621-255-25	SCREW, +P 2X4	
353	7-621-255-35	SCREW, +P 2X5	
354	7-622-205-25	NUT	
355	7-624-104-04	STOP RING 2.0 TYPE-E	
356	7-685-790-01	SCREW, +PTT 2.6X4	
357	7-685-791-01	SCREW, +PTT 2.6X5	
359	3-598-755-01	SP (B), AUTO ARM	
360	3-598-759-01	SP, E LEVER	
361	3-598-760-01	SPB, GEAR LOCK ARM (P)	
362	3-598-753-01	WASHER, POLYETHYLENE	
363	3-701-437-21	WASHER, PLASTIC	
364	3-390-111-01	WASHER (B)	
365	*3-598-764-01	FLYWHEEL (E)	
366	*3-598-623-01	SPRING	
367	*3-390-104-01	BRACKET, LEAF SW	
368	*3-598-741-01	BKT, SSW	
369	*2-277-426-01	CLAMP	
HE903	3-390-114-01	ROTATION ASSY (RP)	
HRP902	3-390-114-01	ROTATION ASSY (RP)	
M2	3-390-108-01	MOTOR ASSY	
S7	1-570-572-11	SWITCH, LEAF (REC)	
S8	1-570-305-11	SWITCH, LEAF (E)(70U)	
S9	1-570-571-11	SWITCH,LEAF (MUTING)	
S10	1-570-570-11	SWITCH, LEAF (MOTOR)	
S11	1-570-573-11	SWITCH, LEAF (FF/REW)	
S12	1-570-572-11	SWITCH, LEAF (DIRECTION)	
S13	1-571-185-11	SWITCH,LEAF (DIRECTION)	
920	1-163-865-11	PC BOARD,HEAD TRANSLATION (FOR DECK B)	

(6) DECK A: TCM-852FS



No.	Part No.	Description	Remarks
401	*3-598-601-01	CHASSIS ASSY (B)	
402	*3-598-602-01	LEVER (B), RV	
403	*3-598-603-01	LEVER ASSY, RV	
405	*3-598-605-01	CHASSIS ASSY, HEAD	
406	*3-598-606-01	LEVER, STOP	
408	*3-598-608-01	LEVER ASSY, PLAY	
409	*3-598-609-01	LEVER, REW	
410	*3-598-610-01	LEVER, FF	
412	3-598-612-01	CANCELLER, AUTO	
413	*3-598-613-01	ARM ASSY, SHIFT	
414	*3-390-107-01	BRACKET, SELECT SW	
415	*3-390-104-01	BRACKET, LEAF SW	
416	3-598-713-01	BRACKET ASSY (B), REEL	
418	*3-598-618-01	CAM (A) (B), LOCK	
419	*3-598-619-01	CAM (ES) (B), LOCK	
420	*3-598-620-01	CAM (FR) (B), LOCK	
422	*3-390-101-01	BRACKET, MOTOR	
423	*3-598-623-01	SPRING	
424	*3-598-624-01	BKT (S), BUTTON	
425	*3-598-740-01	CAM (S) (B), LOCK	
426	*3-598-741-01	BKT, SSW	
427	*3-598-626-01	BKT, SW	
428	*3-598-627-01	ROLLER, GUIDE	
429	3-598-628-01	COLLER	
430	*3-598-629-01	SHAFT, BUTTON	
431	*3-390-115-01	COLLAR, BUTTON	
434	3-598-633-01	ARM, U MODE	
435	3-598-634-01	ARM, IDLER	
436	3-598-635-01	ARM, P IDLER	
437	3-598-636-01	POLE, GUIDE	
438	3-598-637-01	GUIDE (LEFT), CASSETTE	
439	3-598-638-01	GUIDE (RIGHT), CASSETTE	
440	3-598-639-01	GUIDE (LEFT), TAPE	
441	3-598-640-01	GUIDE (RIGHT), TAPE	
442	3-598-641-01	ARM ASSY (LEFT), P ROLLER	
443	3-598-642-01	ARM ASSY (RIGHT), P ROLLER	
445	3-598-644-01	LEVER, EJECT	
446	3-598-645-01	LEVER, MODE	
447	3-598-646-01	LEVER, DIRECTION	
448	3-598-647-01	ARM, DIRECTION STOPPER	
449	3-598-648-01	ARM, PLAY	
450	3-598-649-01	ARM (F/R), GEAR LOCK	
451	3-598-650-01	ARM, F/R	
452	3-598-652-01	LEVER (A), P CONTROL	
453	3-598-651-01	LEVER (B), P CONTROL	
454	3-598-653-01	ARM, F/R IDLER	
455	3-598-654-01	GEAR, F/R	
457	3-598-656-01	GEAR, RV CAM	

No.	Pa
458	3-
459	3-
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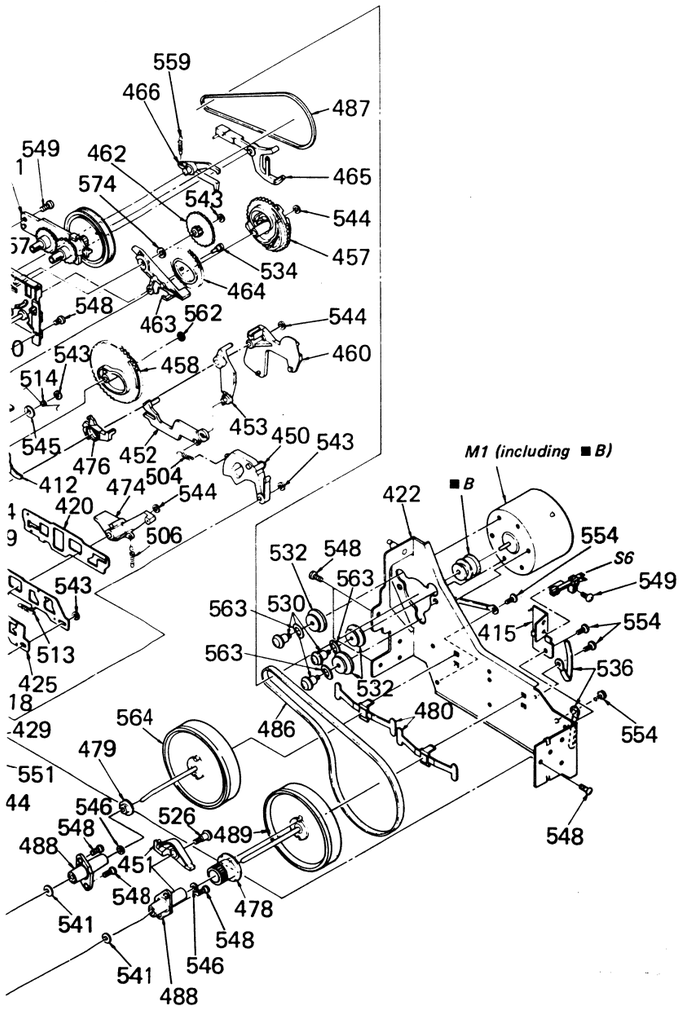

No.	Part No.	Description	Remarks
401	*3-598-601-01	CHASSIS ASSY (B)	
402	*3-598-602-01	LEVER (B), RV	
403	*3-598-603-01	LEVER ASSY, RV	
405	*3-598-605-01	CHASSIS ASSY, HEAD	
406	*3-598-606-01	LEVER, STOP	
408	*3-598-608-01	LEVER ASSY, PLAY	
409	*3-598-609-01	LEVER, REW	
410	*3-598-610-01	LEVER, FF	
412	3-598-612-01	CANCELLER, AUTO	
413	*3-598-613-01	ARM ASSY, SHIFT	
414	*3-390-107-01	BRACKET, SELECT SW	
415	*3-390-104-01	BRACKET, LEAF SW	
416	3-598-713-01	BRACKET ASSY (B), REEL	
418	*3-598-618-01	CAM (A) (B), LOCK	
419	*3-598-619-01	CAM (ES) (B), LOCK	
420	*3-598-620-01	CAM (FR) (B), LOCK	
422	*3-390-101-01	BRACKET, MOTOR	
423	*3-598-623-01	SPRING	
424	*3-598-624-01	BKT (S), BUTTON	
425	*3-598-740-01	CAM (S) (B), LOCK	
426	*3-598-741-01	BKT, SSW	
427	*3-598-626-01	BKT, SW	
428	*3-598-627-01	ROLLER, GUIDE	
429	3-598-628-01	COLLER	
430	*3-598-629-01	SHAFT, BUTTON	
431	*3-390-115-01	COLLAR, BUTTON	
434	3-598-633-01	ARM, U MODE	
435	3-598-634-01	ARM, IDLER	
436	3-598-635-01	ARM, P IDLER	
437	3-598-636-01	POLE, GUIDE	
438	3-598-637-01	GUIDE (LEFT), CASSETTE	
439	3-598-638-01	GUIDE (RIGHT), CASSETTE	
440	3-598-639-01	GUIDE (LEFT), TAPE	
441	3-598-640-01	GUIDE (RIGHT), TAPE	
442	3-598-641-01	ARM ASSY (LEFT), P ROLLER	
443	3-598-642-01	ARM ASSY (RIGHT), P ROLLER	
445	3-598-644-01	LEVER, EJECT	
446	3-598-645-01	LEVER, MODE	
447	3-598-646-01	LEVER, DIRECTION	
448	3-598-647-01	ARM, DIRECTION STOPPER	
449	3-598-648-01	ARM, PLAY	
450	3-598-649-01	ARM (F/R), GEAR LOCK	
451	3-598-650-01	ARM, F/R	
452	3-598-652-01	LEVER (A), P CONTROL	
453	3-598-651-01	LEVER (B), P CONTROL	
454	3-598-653-01	ARM, F/R IDLER	
455	3-598-654-01	GEAR, F/R	
457	3-598-656-01	GEAR, RV CAM	

No.	Part No.	Description	Remarks
458	3-598-657-01	GEAR, P CAM	
459	3-598-658-01	GEAR, F/R CAM	
460	3-598-659-01	ARM (RV), GEAR LOCK	
461	3-598-660-01	CLUTCH ASSY (B)	
462	3-598-661-01	GEAR, AUTO	
463	3-598-662-01	ARM, AUTO CAM	
464	3-598-663-01	GEAR (B), AUTO CAM	
465	3-598-664-01	SENSOR, AUTO	
466	3-598-665-01	ARM, AUTO	
467	3-598-666-01	REEL (B) ASSY	
468	3-598-667-01	CLUTCH, AUTO	
469	3-598-668-01	ARM, AS DIRECTION	
470	3-598-669-01	LEVER, AUTO STOP	
471	3-598-670-01	LEVER, CAM RELEASE	
472	3-598-671-01	ARM, MODE	
473	3-598-672-01	ARM, DIRECTION	
474	3-598-673-01	ARM (F/R), SHIFT	
475	3-598-675-01	ARM (RIGHT), BRAKE	
476	3-598-674-01	ARM (LEFT), BRAKE	
477	3-598-676-01	ARM (P), GEAR LOCK	
478	3-598-677-01	GEAR, FLYWHEEL	
479	3-598-678-01	COLLER, FLYWHEEL	
480	3-598-679-01	SPACER, CAPSTAN	
482	3-598-681-01	LEVER (LEFT), BUTTON	
483	3-598-682-01	LEVER (RIGHT), BUTTON	
484	3-598-742-01	ARM (S), LOCK	
485	3-598-683-01	IDLER	
486	3-390-112-01	BELT, DRIVE	
487	3-390-113-01	BELT, FR	
488	3-598-686-01	BEARING ASSY	
489	3-598-687-01	FLYWHEEL (D)	
491	3-598-689-01	SP, IDLER	
492	3-598-690-01	SP (L), TAPE GUIDE	
493	3-598-691-01	SP (RIGHT), TAPE GUIDE	
494	3-598-692-01	SP (LEFT), P ROLLER	
495	3-598-693-01	SP (RIGHT), P ROLLER	
496	3-598-694-01	SP, HEAD CHASSIS RETURN	
498	3-598-696-01	SP, STOP LEVER	
500	3-598-698-01	SP, PLAY LEVER	
501	3-598-699-01	SP, REW LEVER	
502	3-598-700-01	SP, FF LEVER	
504	3-598-702-01	SP, P CONTROL LEVER	
505	3-598-703-01	SP, SHIFT ARM	
506	3-598-704-01	SP, SHIFT ARM RETURN	
509	3-598-707-01	SP, RV ARM	
510	3-598-708-01	SP (B), BACK TENSION	
511	3-598-709-01	SP-B, AS DIRECTION ARM	
512	3-598-710-01	SP, AUTO STOP	

No.	Part No.	Description	Remarks
513	3-598-711-01	SP, CAM	
514	3-598-712-01	SP, BRAKE ARM	
517	3-598-714-01	SP, SOLENOID	
518	3-598-715-01	SP, LOCK ARM	
519	3-598-716-01	SP (B), P IDLER	
525	3-598-717-01	SHAFT, IDLER	
526	3-598-718-01	SCREW, SPECIAL	
527	3-598-719-01	SHAFT (F/R), GEAR	
530	3-390-109-01	SCREW (B)	
532	3-390-110-01	CUSHION, MOTOR	
534	3-598-758-01	SHAFT, AUTO CAM	
535	3-701-749-00	HOLDER, WIRE	
536	3-701-822-00	HOLDER, WIRE	
538	*2-277-426-01	CLAMP	
540	3-598-720-01	FELT, AUTO CLUTCH	
541	3-554-222-00	WASHER (2), CAPSTAN	
543	3-598-763-01	WASHER, POLYETHYLENE	
544	3-326-162-01	WASHER, POLYETHYLENE, SLIT	
545	3-325-692-01	WASHER, STOPPER	
546	3-701-437-11	WASHER	
547	7-685-780-04	SCREW +PTT 2X3 (S)	
548	7-621-255-25	SCREW +P 2X4 (S)	
549	7-685-782-01	SCREW +PTT 2X5 (S)	
550	7-685-784-04	SCREW +PTT 2X8 (S)	
551	7-685-785-04	SCREW +PTT 2X10 (S)	
552	7-621-971-05	SCREW, TOTSU PS 2X4	
554	7-685-790-04	SCREW +PTT 2.6X4 (S)	
555	7-685-791-04	SCREW +PTT 2.6X5 (S)	
556	7-622-205-05	NUT M2 TYPE2	
557	7-624-104-04	STOP RING 2.0, TYPE -E	
559	3-598-755-01	SP (B), AUTO ARM	
560	3-598-759-01	SP, E LEVER	
561	3-598-760-01	SPE, GEAR LOCK ARM (P)	
562	3-598-753-01	WASHER, POLYETHYLENE	
563	3-390-111-01	WASHER (B)	
564	*3-598-764-01	FLYWHEEL (E)	
572	7-621-255-25	SCREW +P 2X4	
573	3-390-117-01	SPACER, HEAD	
574	3-701-437-01	WASHER	
919	1-623-575-11	PC BOARD, HEAD TRANSLATION (FOR DECK A)	
HP901	3-390-116-01	ROTATION ASSY (P)	
M1	3-390-108-01	MOTOR ASSY	
PM1	1-454-400-11	PLUNGER (AMS)(AMS)	
S1	1-570-305-11	SWITCH, LEAF (E)(70U)	
S2	1-570-571-11	SWITCH, LEAF (MUTING)	
S3	1-570-570-11	SWITCH, LEAF (MOTOR)	
S4	1-570-573-11	SWITCH, LEAF (FF/REW)	
S5	1-570-572-11	SWITCH, LEAF (MODE)	
S6	1-571-185-11	SWITCH, LEAF (DIRECTION)	

SECTION 6
ELECTRICAL PARTS LIST

NOTE:
- Items marked " ★ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuitsin a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF:μF, PF:μμF.

RESISTORS
- All resistors are in ohms.
- F : nonflammable

COILS
- MMH : mH, UH : μH

SEMICONDUCTORS
In each case, U : μ, for example:
UA...: μA..., UPA...: μPA..., UPC...: μPC, UPD...: μPD...

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

ELECTRICAL PARTS

Ref.No.	Part No.	Description
901	*A-4375-313-A	MOUNTED PCB, GRAPHIC EQUALIZER
902	*A-4410-485-A	(AEP)....MOUNTED PCB, MAIN
	*A-4410-486-A	(UK).....MOUNTED PCB, MAIN
	*A-4410-487-A	(E2).....MOUNTED PCB, MAIN
	*A-4410-488-A	(E3).....MOUNTED PCB, MAIN
	*A-4410-489-A	(Saudi Arabia)...MOUNTED PCB, MAIN
903	⚠1-551-188-XX	(E)..... CORD, POWER
	⚠1-555-795-00	(AEP,Saudi Arabia) CORD, POWER, EULO PLUG
	⚠1-558-946-11	(UK)..... CORD, POWER
904	*1-622-370-11	PC BOARD, TACT SW MT
905	*1-622-371-11	PC BOARD, DECK SW
906	*1-622-372-11	PC BOARD, DECK LED
907	1-533-183-11	HOLDER, FUSE
908	1-535-416-00	(AEP,UK)...TERMINAL
909	*1-622-364-11	PC BOARD, HEADPHONE
910	*1-622-365-11	PC BOARD, MICROPHONE
911	*1-622-366-11	PC BOARD, DIRECTION (A)
912	*1-622-367-11	PC BOARD, DIRECTION (B)
913	*1-562-328-00	SOCKET, CONNECTOR 7P
914	*1-562-249-00	SOCKET, CONNECTOR 4P
915	*1-562-250-00	SOCKET, CONNECTOR 5P
916	*1-562-251-00	SOCKET, CONNECTOR 6P
917	*1-562-327-00	SOCKET, CONNECTOR 3P
918	*1-562-328-00	SOCKET, CONNECTOR 7P
919	1-623-575-11	PC BOARD,HEAD TRANSLATION (FOR DECK A)
920	1-623-865-11	PC BOARD, HEAD TRANSLATION (FOR DECK B)
BA251	1-528-120-00	BATTERY, LITHIUM (CR-2025)
BP901	*1-535-119-00	TERMINAL
BP902	*1-535-139-00	(AEP,UK)...BASE POST 22MM(10MM PITCH)2P
BP902	*1-535-140-00	(E,Saudi Aradia)...BASE POST 22MM (10MM PITCH) 3P
BP903	*1-535-139-00	(E,Saudi Aradia)...BASE POST 22MM (10MM PITCH) 2P
BP904	*1-535-139-00	BASE POST 22MM (10MM PITCH) 2P

C001	1-162-196-31	CERAMIC	5.6PF	10%	50V
C002	1-162-193-31	CERAMIC	3.3PF	10%	50V
C003	1-161-494-00	CERAMIC	0.022MF		25V
C004	1-161-494-00	CERAMIC	0.022MF		25V
C005	1-162-197-31	CERAMIC	6.8PF	10%	50V
C006	1-161-494-00	CERAMIC	0.022MF		25V
C007	1-162-191-31	CERAMIC	2.2PF	10%	50V
C008	1-162-203-31	CERAMIC	15PF	5%	50V
C009	1-162-286-31	CERAMIC	220PF	10%	50V
C010	1-162-187-31	CERAMIC	1PF	20%	50V
C011	1-161-494-00	CERAMIC	0.022MF		25V
C012	1-162-211-31	CERAMIC	33PF	5%	50V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C013	1-162-203-31	CERAMIC	15PF	5%	50V
C014	1-162-198-31	CERAMIC	8.2PF	10%	50V
C015	1-162-194-31	CERAMIC	3.9PF	10%	50V
C016	1-162-187-31	CERAMIC	1PF	20%	50V
C017	1-161-494-00	CERAMIC	0.022MF		25V
C018	1-161-494-00	(AEP,UK)...CERAMIC	0.022MF		25V
C019	1-161-494-00	(AEP,UK)...CERAMIC	0.022MF		25V
C020	1-161-494-00	(AEP,UK)...CERAMIC	0.022MF		25V
C021	1-161-494-00	(AEP,UK)...CERAMIC	0.022MF		25V
C022	1-161-494-00	CERAMIC	0.022MF		25V
C041	1-101-006-00	(AEP,UK)...CERAMIC	0.047MF		50V
C042	1-136-171-00	(AEP,UK)...FILM	0.33MF	5%	50V
C043	1-136-171-00	(AEP,UK)...FILM	0.33MF	5%	50V
C047	1-161-494-00	CERAMIC	0.022MF		25V
C048	1-161-494-00	CERAMIC	0.022MF		25V
C049	1-161-494-00	(E,Saudi Arabia) ...CERAMIC	0.022MF		25V
C050	1-161-494-00	(AEP,UK)...CERAMIC	0.022MF		25V
C051	1-161-494-00	(E,Saudi Arabia) ...CERAMIC	0.022MF		25V
C052	1-161-494-00	(E,Saudi Arabia) ...CERAMIC	0.022MF		25V
C053	1-162-201-31	CERAMIC	12PF	5%	50V
C054	1-161-494-00	CERAMIC	0.022MF		25V
C055	1-162-207-31	(AEP,UK)...CERAMIC	22PF	5%	50V
C055	1-162-208-31	(E,Saudi Arabia) ...CERAMIC	24PF	5%	50V
C056	1-104-294-11	POLYSTYRENE	470PF	5%	50V
C057	1-161-494-00	(E,Saudi Arabia) ...CERAMIC	0.022MF		25V
C058	1-123-380-00	ELECT	1MF	20%	50V
C059	1-161-494-00	(E,Saudi Arabia) ...CERAMIC	0.022MF		25V
C060	1-161-494-00	(E,Saudi Arabia) ...CERAMIC	0.022MF		25V
C061	1-162-214-31	(E,Saudi Arabia) ...CERAMIC	43PF	5%	50V
C062	1-161-494-00	(E,Saudi Arabia) ...CERAMIC	0.022MF		25V
C063	1-161-494-00	CERAMIC	0.022MF		25V
C064	1-161-494-00	(E,Saudi Arabia) ...CERAMIC	0.022MF		25V
C065	1-102-753-00	(E,Saudi Arabia) ...CERAMIC	36PF	5%	50V
C065	1-102-973-00	(AEP,UK)...CERAMIC	100PF	5%	50V
C066	1-103-707-00	(AEP,UK)...POLYSTYRENE	180PF	5%	50V
C066	1-130-479-00	(E,Saudi Arabia) ...MYLAR	0.0047MF	5%	50V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C067	1-161-494-00	(E,Saudi Arabia) ...CERAMIC	0.022MF		25V
C068	1-123-380-00	ELECT	1MF	20%	50V
C069	1-161-494-00	(E,Saudi Arabia) ...CERAMIC	0.022MF		25V
C070	1-161-494-00	(E,Saudi Arabia) ...CERAMIC	0.022MF		25V
C071	1-162-213-31	(E,Saudi Arabia) ...CERAMIC	39PF	5%	50V
C071	1-162-218-31	(AEP,UK)...CERAMIC	62PF	5%	50V
C072	1-101-006-00	(E,Saudi Arabia) ...CERAMIC	0.047MF		50V
C073	1-102-755-61	(E,Saudi Arabia) ...CERAMIC	43PF	5%	50V
C074	1-130-484-00	(E,Saudi Arabia) ...MYLAR	0.012MF	5%	50V
C075	1-161-494-00	(E,Saudi Arabia) ...CERAMIC	0.022MF		25V
C076	1-123-380-00	(E,Saudi Arabia) ...ELECT	1MF	20%	50V
C078	1-162-294-31	CERAMIC	0.001MF	10%	50V
C079	1-161-494-00	CERAMIC	0.022MF		25V
C080	1-123-356-00	ELECT	10MF	20%	50V
C081	1-161-494-00	CERAMIC	0.022MF		25V
C082	1-161-494-00	CERAMIC	0.022MF		25V
C083	1-162-215-31	CERAMIC	47PF	5%	50V
C084	1-161-494-00	CERAMIC	0.022MF		25V
C085	1-162-294-31	CERAMIC	0.001MF	10%	50V
C086	1-161-494-00	CERAMIC	0.022MF		25V
C087	1-161-379-00	CERAMIC	0.01MF	20%	16V
C088	1-123-382-00	ELECT	3.3MF	20%	50V
C089	1-123-369-00	ELECT	4.7MF	20%	50V
C090	1-161-494-00	CERAMIC	0.022MF		25V
C091	1-123-382-00	ELECT	3.3MF	20%	50V
C092	1-161-494-00	CERAMIC	0.022MF		25V
C093	1-123-332-00	ELECT	47MF	20%	16V
C094	1-161-494-00	CERAMIC	0.022MF		25V
C095	1-161-494-00	CERAMIC	0.022MF		25V
C096	1-161-494-00	CERAMIC	0.022MF		25V
C097	1-124-465-00	ELECT	0.47MF	20%	50V
C098	1-161-494-00	CERAMIC	0.022MF		25V
C100	1-161-494-00	(AEP,UK)...CERAMIC	0.022MF		25V
C101	1-161-494-00	CERAMIC	0.022MF		25V
C102	1-161-494-00	CERAMIC	0.022MF		25V
C103	1-161-494-00	CERAMIC	0.022MF		25V
C104	1-161-494-00	CERAMIC	0.022MF		25V
C105	1-161-494-00	CERAMIC	0.022MF		25V
C106	1-162-211-31	CERAMIC	33PF	5%	50V
C107	1-123-380-00	ELECT	1MF	20%	50V
C108	1-123-356-00	ELECT	10MF	20%	50V
C109	1-161-494-00	CERAMIC	0.022MF		25V
C110	1-123-332-00	ELECT	47MF	20%	16V
C111	1-161-494-00	CERAMIC	0.022MF		25V
C112	1-161-494-00	CERAMIC	0.022MF		25V
C113	1-161-494-00	CERAMIC	0.022MF		25V
C114	1-161-494-00	CERAMIC	0.022MF		25V
C115	1-123-380-00	ELECT	1MF	20%	50V
C116	1-123-332-00	ELECT	47MF	20%	16V
C117	1-162-290-31	(AEP,UK)...CERAMIC	470PF	10%	50V
C118	1-162-195-31	CERAMIC	4.7PF	10%	50V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C119	1-161-379-00	(E,Saudi Arabia) ...CERAMIC	0.01MF	20%	16V
C199	1-161-379-00	(E,Saudi Arabia) ...CERAMIC	0.01MF	20%	16V
C201	1-101-006-00	CERAMIC	0.047MF		50V
C202	1-123-356-00	ELECT	10MF	20%	50V
C203	1-162-294-31	CERAMIC	0.001MF	10%	50V
C204	1-162-294-31	CERAMIC	0.001MF	10%	50V
C205	1-123-380-00	ELECT	1MF	20%	50V
C206	1-123-380-00	ELECT	1MF	20%	50V
C207	1-161-329-00	CERAMIC	0.0068MF	30%	16V
C208	1-161-329-00	CERAMIC	0.0068MF	30%	16V
C209	1-161-329-00	CERAMIC	0.0068MF	30%	16V
C210	1-161-329-00	CERAMIC	0.0068MF	30%	16V
C211	1-161-329-00	CERAMIC	0.0068MF	30%	16V
C212	1-161-329-00	CERAMIC	0.0068MF	30%	16V
C213	1-123-356-00	ELECT	10MF	20%	50V
C214	1-161-494-00	CERAMIC	0.022MF		25V
C215	1-123-380-00	ELECT	1MF	20%	50V
C216	1-123-380-00	ELECT	1MF	20%	50V
C217	1-124-465-00	ELECT	0.47MF	20%	50V
C218	1-123-380-00	ELECT	1MF	20%	50V
C219	1-123-332-00	ELECT	47MF	20%	16V
C251	1-124-445-00	ELECT	100MF	20%	16V
C252	1-102-959-00	CERAMIC	22PF	5%	50V
C253	1-102-959-00	CERAMIC	22PF	5%	50V
C254	1-123-380-00	ELECT	1MF	20%	50V
C255	1-161-494-00	CERAMIC	0.022MF		25V
C256	1-161-494-00	CERAMIC	0.022MF		25V
C257	1-161-494-00	CERAMIC	0.022MF		25V
C258	1-161-494-00	CERAMIC	0.022MF		25V
C259	1-136-171-00	FILM	0.33MF	5%	50V
C260	1-130-487-00	MYLAR	0.022MF	5%	50V
C261	1-124-252-00	ELECT	0.33MF	20%	50V
C262	1-136-171-00	FILM	0.33MF	5%	50V
C263	1-130-487-00	MYLAR	0.022MF	5%	50V
C264	1-124-252-00	(AEP,UK)...ELECT	0.33MF	20%	50V
C264	1-124-463-00	(E,Saudi Arabia) ...ELECT	0.1MF	20%	50V
C265	1-161-494-00	CERAMIC	0.022MF		25V
C266	1-123-332-00	ELECT	47MF	20%	16V
C267	1-161-494-00	CERAMIC	0.022MF		25V
C268	1-123-356-00	ELECT	10MF	20%	50V
C269	1-161-379-00	CERAMIC	0.01MF	20%	16V
C270	1-161-494-00	CERAMIC	0.022MF		25V
C271	1-161-494-00	CERAMIC	0.022MF		25V
C272	1-124-445-00	ELECT	100MF	20%	16V
C273	1-161-494-00	(AEP,UK)...CERAMIC	0.022MF		25V
C274	1-161-494-00	(AEP,UK)...CERAMIC	0.022MF		25V
C275	1-161-494-00	(AEP,UK)...CERAMIC	0.022MF		25V
C276	1-161-494-00	(AEP,UK)...CERAMIC	0.022MF		25V
C277	1-161-494-00	(AEP,UK)...CERAMIC	0.022MF		25V
C291	1-124-445-00	ELECT	100MF	20%	16V
C292	1-161-494-00	CERAMIC	0.022MF		25V
C301	1-162-292-31	CERAMIC	680PF	10%	50V
C302	1-162-282-31	CERAMIC	100PF	10%	50V
C303	1-161-494-00	CERAMIC	0.022MF		25V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C304	1-123-332-00	ELECT	47MF	20%	16V
C305	1-130-480-00	MYLAR	0.0056MF	5%	50V
C306	1-130-488-00	MYLAR	0.027MF	5%	50V
C307	1-123-380-00	ELECT	1MF	20%	50V
C308	1-162-290-31	CERAMIC	470PF	10%	50V
C309	1-162-282-31	CERAMIC	100PF	10%	50V
C310	1-161-494-00	CERAMIC	0.022MF		25V
C311	1-123-332-00	ELECT	47MF	20%	16V
C312	1-130-481-00	MYLAR	0.0068MF	5%	50V
C313	1-130-488-00	MYLAR	0.027MF	5%	50V
C314	1-123-380-00	ELECT	1MF	20%	50V
C315	1-162-290-31	CERAMIC	470PF	10%	50V
C316	1-162-290-31	CERAMIC	470PF	10%	50V
C317	1-124-252-00	ELECT	0.33MF	20%	50V
C318	1-130-495-00	MYLAR	0.1MF	5%	50V
C319	1-130-483-00	MYLAR	0.01MF	5%	50V
C320	1-130-490-11	MYLAR	0.039MF	5%	50V
C321	1-123-356-00	ELECT	10MF	20%	50V
C322	1-130-492-11	MYLAR	0.056MF	5%	50V
C323	1-130-481-00	MYLAR	0.0068MF	5%	50V
C324	1-130-485-00	MYLAR	0.015MF	5%	50V
C325	1-123-356-00	ELECT	10MF	20%	50V
C326	1-123-380-00	ELECT	1MF	20%	50V
C327	1-130-475-00	MYLAR	0.0022MF	5%	50V
C328	1-130-488-00	MYLAR	0.027MF	5%	50V
C329	1-123-380-00	ELECT	1MF	20%	50V
C330	1-130-480-00	MYLAR	0.0056MF	5%	50V
C331	1-130-480-00	MYLAR	0.0056MF	5%	50V
C332	1-123-356-00	ELECT	10MF	20%	50V
C333	1-123-380-00	ELECT	1MF	20%	50V
C334	1-162-282-31	CERAMIC	100PF	10%	50V
C335	1-162-284-31	CERAMIC	150PF	10%	50V
C336	1-123-356-00	ELECT	10MF	20%	50V
C337	1-162-294-31	CERAMIC	0.001MF	10%	50V
C361	1-123-332-00	ELECT	47MF	20%	16V
C362	1-123-332-00	ELECT	47MF	20%	16V
C363	1-123-332-00	ELECT	47MF	20%	16V
C364	1-123-332-00	ELECT	47MF	20%	16V
C365	1-123-332-00	ELECT	47MF	20%	16V
C366	1-161-494-00	CERAMIC	0.022MF		25V
C367	1-124-445-00	ELECT	100MF	20%	16V
C368	1-123-330-00	ELECT	22MF	20%	25V
C369	1-123-356-00	ELECT	10MF	20%	50V
C370	1-161-494-00	CERAMIC	0.022MF		25V
C371	1-161-494-00	CERAMIC	0.022MF		25V
C372	1-161-494-00	CERAMIC	0.022MF		25V
C373	1-123-356-00	ELECT	10MF	20%	50V
C374	1-123-356-00	ELECT	10MF	20%	50V
C401	1-162-292-31	CERAMIC	680PF	10%	50V
C402	1-162-282-31	CERAMIC	100PF	10%	50V
C403	1-161-494-00	CERAMIC	0.022MF		25V
C404	1-123-332-00	ELECT	47MF	20%	16V
C405	1-130-480-00	MYLAR	0.0056MF	5%	50V
C406	1-130-488-00	MYLAR	0.027MF	5%	50V
C407	1-123-380-00	ELECT	1MF	20%	50V
C408	1-162-290-31	CERAMIC	470PF	10%	50V
C409	1-162-282-31	CERAMIC	100PF	10%	50V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C410	1-161-494-00	CERAMIC	0.022MF		25V
C411	1-123-332-00	ELECT	47MF	20%	16V
C412	1-130-481-00	MYLAR	0.0068MF	5%	50V
C413	1-130-488-00	MYLAR	0.027MF	5%	50V
C414	1-123-380-00	ELECT	1MF	20%	50V
C415	1-162-290-31	CERAMIC	470PF	10%	50V
C416	1-162-290-31	CERAMIC	470PF	10%	50V
C417	1-124-252-00	ELECT	0.33MF	20%	50V
C418	1-130-495-00	MYLAR	0.1MF	5%	50V
C419	1-130-483-00	MYLAR	0.01MF	5%	50V
C420	1-130-490-11	MYLAR	0.039MF	5%	50V
C421	1-123-356-00	ELECT	10MF	20%	50V
C422	1-130-492-11	MYLAR	0.056MF	5%	50V
C423	1-130-481-00	MYLAR	0.0068MF	5%	50V
C424	1-130-485-00	MYLAR	0.015MF	5%	50V
C425	1-123-356-00	ELECT	10MF	20%	50V
C426	1-123-380-00	ELECT	1MF	20%	50V
C427	1-130-475-00	MYLAR	0.0022MF	5%	50V
C428	1-130-488-00	MYLAR	0.027MF	5%	50V
C429	1-123-380-00	ELECT	1MF	20%	50V
C430	1-130-480-00	MYLAR	0.0056MF	5%	50V
C431	1-130-480-00	MYLAR	0.0056MF	5%	50V
C432	1-123-356-00	ELECT	10MF	20%	50V
C433	1-123-380-00	ELECT	1MF	20%	50V
C434	1-162-282-31	CERAMIC	100PF	10%	50V
C435	1-162-284-31	CERAMIC	150PF	10%	50V
C436	1-123-356-00	ELECT	10MF	20%	50V
C437	1-162-294-31	CERAMIC	0.001MF	10%	50V
C461	1-102-119-00	CERAMIC	0.0015MF	10%	50V
C462	1-102-119-00	CERAMIC	0.0015MF	10%	50V
C463	1-102-123-00	CERAMIC	0.0033MF	10%	50V
C464	1-124-252-00	ELECT	0.33MF	20%	50V
C465	1-123-356-00	ELECT	10MF	20%	50V
C466	1-123-330-00	ELECT	22MF	20%	25V
C467	1-130-490-11	MYLAR	0.039MF	5%	50V
C468	1-130-495-00	MYLAR	0.1MF	5%	50V
C469	1-123-380-00	ELECT	1MF	20%	50V
C470	1-161-379-00	CERAMIC	0.01MF	20%	16V
C471	1-123-380-00	ELECT	1MF	20%	50V
C472	1-123-380-00	ELECT	1MF	20%	50V
C473	1-123-380-00	ELECT	1MF	20%	50V
C474	1-123-356-00	ELECT	10MF	20%	50V
C475	1-130-955-00	FILM	0.01MF	5%	100V
C476	1-106-172-00	MYLAR	0.001MF	5%	100V
C477	1-106-172-00	(AEP,UK)...MYLAR	0.001MF	5%	100V
C478	1-162-290-31	CERAMIC	470PF	10%	50V
C479	1-162-290-31	CERAMIC	470PF	10%	50V
C501	1-162-282-31	CERAMIC	100PF	10%	50V
C502	1-162-282-31	CERAMIC	100PF	10%	50V
C503	1-162-282-31	CERAMIC	100PF	10%	50V
C504	1-123-380-00	ELECT	1MF	20%	50V
C505	1-124-463-00	ELECT	0.1MF	20%	50V
C506	1-124-464-11	ELECT	0.22MF	20%	50V
C507	1-161-494-00	CERAMIC	0.022MF		25V
C508	1-161-494-00	CERAMIC	0.022MF		25V
C509	1-161-329-00	CERAMIC	0.0068MF	30%	16V
C510	1-161-379-00	CERAMIC	0.01MF	30%	16V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C511	1-161-375-00	CERAMIC	0.0022MF	20%	16V
C512	1-161-377-00	CERAMIC	0.0047MF	20%	16V
C513	1-162-291-31	CERAMIC	560PF	10%	50V
C514	1-123-356-00	ELECT	10MF	20%	16V
C515	1-123-307-00	ELECT	100MF	20%	10V
C516	1-162-294-31	CERAMIC	0.001MF	10%	50V
C517	1-162-282-31	CERAMIC	100PF	10%	50V
C518	1-124-463-00	ELECT	0.1MF	20%	50V
C519	1-124-464-11	ELECT	0.22MF	20%	50V
C520	1-161-494-00	CERAMIC	0.022MF		25V
C521	1-123-369-00	ELECT	4.7MF	20%	25V
C522	1-161-494-00	CERAMIC	0.022MF		25V
C523	1-161-379-00	CERAMIC	0.01MF	30%	16V
C524	1-123-369-00	ELECT	4.7MF	20%	25V
C525	1-161-379-00	CERAMIC	0.01MF	30%	16V
C526	1-161-375-00	CERAMIC	0.0022MF	20%	16V
C527	1-123-369-00	ELECT	4.7MF	20%	25V
C528	1-161-375-00	CERAMIC	0.0022MF	20%	16V
C529	1-162-291-31	CERAMIC	560PF	10%	50V
C530	1-123-369-00	ELECT	4.7MF	20%	25V
C531	1-162-294-31	CERAMIC	0.001MF	10%	50V
C532	1-162-285-31	CERAMIC	180PF	10%	50V
C533	1-123-369-00	ELECT	4.7MF	20%	25V
C534	1-123-306-00	ELECT	47MF	20%	10V
C535	1-123-306-00	ELECT	47MF	20%	10V
C536	1-123-332-00	ELECT	47MF	20%	16V
C537	1-123-369-00	ELECT	4.7MF	20%	25V
C538	1-123-369-00	ELECT	4.7MF	20%	25V
C539	1-123-356-00	ELECT	10MF	20%	16V
C540	1-123-356-00	ELECT	10MF	20%	16V
C541	1-161-494-00	CERAMIC	0.022MF		25V
C542	1-161-494-00	CERAMIC	0.022MF		25V
C543	1-161-494-00	CERAMIC	0.022MF		25V
C551	1-161-494-00	CERAMIC	0.022MF		25V
C601	1-162-282-31	CERAMIC	100PF	10%	50V
C602	1-162-282-31	CERAMIC	100PF	10%	50V
C603	1-162-282-31	CERAMIC	100PF	10%	50V
C604	1-123-380-00	ELECT	1MF	20%	50V
C605	1-124-463-00	ELECT	0.1MF	20%	50V
C606	1-124-464-11	ELECT	0.22MF	20%	50V
C607	1-161-494-00	CERAMIC	0.022MF		25V
C608	1-161-494-00	CERAMIC	0.022MF		25V
C609	1-161-329-00	CERAMIC	0.0068MF	30%	16V
C610	1-161-379-00	CERAMIC	0.01MF	30%	16V
C611	1-161-375-00	CERAMIC	0.0022MF	20%	16V
C612	1-161-377-00	CERAMIC	0.0047MF	20%	16V
C613	1-162-291-31	CERAMIC	560PF	10%	50V
C640	1-123-356-00	ELECT	10MF	20%	16V
C643	1-161-494-00	CERAMIC	0.022MF		25V
C644	1-123-356-00	ELECT	10MF	20%	16V
C701	1-123-356-00	ELECT	10MF	20%	50V
C702	1-162-290-31	CERAMIC	470PF	10%	50V
C703	1-162-282-31	CERAMIC	100PF	10%	50V
C704	1-123-330-00	ELECT	22MF	20%	25V
C705	1-124-910-11	ELECT	47MF	20%	50V
C706	1-123-356-00	ELECT	10MF	20%	50V
C707	1-101-006-00	CERAMIC	0.047MF		50V
C708	1-101-006-00	CERAMIC	0.047MF		50V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C709	1-123-356-00	ELECT	10MF	20%	50V
C710	1-124-910-11	ELECT	47MF	20%	50V
C711	1-123-356-00	ELECT	10MF	20%	50V
C712	1-124-444-00	ELECT	220MF	20%	10V
C713	1-101-006-00	(E,Saudi Arabia) ...CERAMIC	0.047MF		50V
C713	1-130-495-00	(AEP,UK)...MYLAR	0.1MF	5%	50V
C714	1-130-495-00	(AEP,UK)...MYLAR	0.1MF	5%	50V
C721	1-162-282-31	CERAMIC	100PF	10%	50V
C751	1-162-282-31	CERAMIC	100PF	10%	50V
C752	1-162-282-31	CERAMIC	100PF	10%	50V
C753	1-123-382-00	ELECT	3.3MF	20%	50V
C754	1-130-480-00	MYLAR	0.0056MF	5%	50V
C755	1-130-473-00	MYLAR	0.0015MF	5%	50V
C756	1-123-380-00	ELECT	1MF	20%	50V
C757	1-161-494-00	CERAMIC	0.022MF		25V
C771	1-162-282-31	CERAMIC	100PF	10%	50V
C772	1-123-380-00	ELECT	1MF	20%	50V
C773	1-162-282-31	CERAMIC	100PF	10%	50V
C774	1-123-356-00	ELECT	10MF	20%	50V
C775	1-124-464-11	ELECT	0.22MF	20%	50V
C776	1-123-356-00	ELECT	10MF	20%	50V
C777	1-123-332-00	ELECT	47MF	20%	16V
C801	1-123-356-00	ELECT	10MF	20%	50V
C802	1-162-290-31	CERAMIC	470PF	10%	50V
C803	1-162-282-31	CERAMIC	100PF	10%	50V
C804	1-123-330-00	ELECT	22MF	20%	25V
C805	1-124-910-11	ELECT	47MF	20%	50V
C813	1-101-006-00	(E,Saudi Arabia) ...CERAMIC	0.047MF		50V
C813	1-130-495-00	(AEP,UK)...MYLAR	0.1MF	5%	50V
C814	1-130-495-00	(AEP,UK)...MYLAR	0.1MF	5%	50V
C821	1-162-282-31	CERAMIC	100PF	10%	50V
C851	1-162-282-31	CERAMIC	100PF	10%	50V
C852	1-162-282-31	CERAMIC	100PF	10%	50V
C853	1-123-382-00	ELECT	3.3MF	20%	50V
C854	1-130-480-00	MYLAR	0.0056MF	5%	50V
C855	1-130-473-00	MYLAR	0.0015MF	5%	50V
C856	1-123-380-00	ELECT	1MF	20%	50V
C857	1-161-494-00	CERAMIC	0.022MF		25V
C871	1-162-282-31	CERAMIC	100PF	10%	50V
C872	1-123-380-00	ELECT	1MF	20%	50V
C873	1-162-282-31	CERAMIC	100PF	10%	50V
C874	1-123-356-00	ELECT	10MF	20%	50V
C875	1-124-464-11	ELECT	0.22MF	20%	50V
C901 ⚠	1-161-744-00	CERAMIC	0.01MF		400V
C902	1-106-212-00	(E,Saudi Arabia) ...MYLAR	0.047MF	10%	100V
C902	1-106-220-00	(AEP,UK)...MYLAR	0.1MF	10%	100V
C903	1-106-212-00	MYLAR	0.047MF	10%	100V
C904	1-101-006-00	(E,Saudi Arabia) ...CERAMIC	0.047MF		50V
C904	1-136-171-00	(AEP,UK)...FILM	0.33MF	5%	50V
C905	1-101-006-00	(E,Saudi Arabia) ...CERAMIC	0.047MF		50V
C905	1-136-171-00	(AEP,UK)...FILM	0.33MF	5%	50V
C906	1-124-362-00	(AEP,UK)...ELECT	4700MF	20%	42V
C906	1-126-085-11	(E,Saudi Arabia) ...ELECT	3300MF	20%	50V

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ELECTRICAL PARTS

Ref.No.	Part No.	Description
C907	1-124-362-00	(AEP,UK)...ELECT 4700MF 20% 42V
C907	1-126-085-11	(E,Saudi Arabia) ...ELECT 3300MF 20% 50V
C908	1-162-294-31	CERAMIC 0.001MF 10% 50V
C909	1-123-382-00	ELECT 3.3MF 20% 50V
C910	1-162-294-31	CERAMIC 0.001MF 10% 50V
C911	1-123-332-00	ELECT 47MF 20% 16V
C912	1-162-294-31	CERAMIC 0.001MF 10% 50V
C913	1-123-332-00	ELECT 47MF 20% 16V
C914	1-124-556-11	ELECT 2200MF 20% 16V
C915	1-124-556-11	ELECT 2200MF 20% 16V
C916	1-124-910-11	ELECT 47MF 20% 50V
C917	1-106-212-00	(AEP,UK)...MYLAR 0.047MF 10% 100V
C918	1-106-212-00	(AEP,UK)...MYLAR 0.047MF 10% 100V
C919	1-106-212-00	(AEP,UK)...MYLAR 0.047MF 10% 100V
C920	1-106-212-00	(AEP,UK)...MYLAR 0.047MF 10% 100V
C925	1-136-171-00	(AEP,UK)...FILM 0.33MF 5% 50V
CF051	1-527-937-00	FILTER, CERAMIC
CF052	1-527-981-00	FILTER, CERAMIC
CF101	1-527-964-00	FILTER, CERAMIC
CF102	1-527-964-00	FILTER, CERAMIC
CF201	1-567-250-11	OSCILLATOR, CERAMIC
CNJ702	1-562-838-11	JACK, PIN 4P (CD/AUX,PHONO)
⚠CNJ901	1-526-751-11	(UK).....OUTLET, AC
⚠CNJ901	1-526-774-11	(E3).....OUTLET, AC
⚠CNJ901	1-526-794-11	(AEP, Saudi Arabia)...OUTLET, AC
CNP101*1	1-560-060-00	PIN, CONNECTOR 2P
CNP105*1	1-560-200-00	BASE POST, MCD CONNECTOR 2P
CNP106*1	1-564-508-11	PLUG, CONNECTOR 5P
CNP108*1	1-564-507-11	PLUG, CONNECTOR 4P
CNP109*1	1-564-510-11	PLUG, CONNECTOR 7P
CNP110*1	1-564-505-11	PLUG, CONNECTOR 2P
CNP111*1	1-564-509-11	PLUG, CONNECTOR 6P
CNP113*1	1-564-505-11	PLUG, CONNECTOR 2P
CNP151*1	1-564-505-11	PLUG, CONNECTOR 2P
CNP201*1	1-564-506-11	PLUG, CONNECTOR 3P
CNP202*1	1-564-509-11	PLUG, CONNECTOR 6P
CNP251*1	1-564-342-11	PIN, CONNECTOR 8P
CNP252*1	1-560-062-00	PIN, CONNECTOR 4P
CNP301*1	1-564-505-11	PLUG, CONNECTOR 2P
CNP302*1	1-564-505-31	PLUG, CONNECTOR 2P
CNP307*1	1-564-510-11	PLUG, CONNECTOR 7P
CNP401*1	1-564-513-11	PLUG, CONNECTOR 10P
CNP402*1	1-564-507-11	PLUG, CONNECTOR 4P
CNP403*1	1-564-505-11	PLUG, CONNECTOR 2P
CNP451*1	1-564-515-11	PLUG, CONNECTOR 12P
CNP452*1	1-564-507-31	PLUG, CONNECTOR 4P
CNP901	1-564-358-00	(E2,UK)...PIN, CONNECTOR, 3P
CP101	1-235-046-00	(AEP,UK)..ENCAPSULATED COMPONENT(B.E.F)
CTO51	1-141-179-12	CAP, VAR, TRIMMER
CTO52	1-141-179-12	CAP, VAR, TRIMMER
CTO53	1-141-180-00	(E,Saudi Arabia)...CAP, TRIMMER 15P
CTO54	1-141-171-00	(AEP,UK)...CAP, TRIMMER 20P
CTO54	1-141-180-00	(E,Saudi Arabia)...CAP, TRIMMER 15P
CTO55	1-141-179-12	(AEP,UK)...CAP, VAR, TRIMMER
CTO55	1-141-180-00	(E,Saudi Arabia)...CAP, TRIMMER 15P
CTO56	1-141-180-00	(E,Saudi Arabia)...CAP, TRIMMER 15P

ELECTRICAL PARTS

Ref.No.	Part No.	Description
D001	8-719-918-45	DIODE KV1310
D002	8-719-918-45	DIODE KV1310
D003	8-719-918-45	DIODE KV1310
D004	8-719-000-26	DIODE US1060M
D051	8-719-000-26	DIODE US1060M
D052	8-719-000-26	DIODE US1060M
D053	8-719-000-26	DIODE US1060M
D054	8-719-902-79	DIODE KV1236Z
D055	8-719-902-79	DIODE KV1236Z
D056	8-719-903-27	(E,Saudi Arabia)...DIODE 1SS168
D057	8-719-903-27	(E,Saudi Arabia)...DIODE 1SS168
D058	8-719-903-27	DIODE 1SS168
D059	8-719-903-27	(E,Saudi Arabia)...DIODE 1SS168
D060	8-719-903-27	(E,Saudi Arabia)...DIODE 1SS168
D061	8-719-903-27	(E,Saudi Arabia)...DIODE 1SS168
D062	8-719-903-27	(E,Saudi Arabia)...DIODE 1SS168
D063	8-719-903-27	(E,Saudi Arabia)...DIODE 1SS168
D064	8-719-903-27	(E,Saudi Arabia)...DIODE 1SS168
D065	8-719-903-27	(E,Saudi Arabia)...DIODE 1SS168
D066	8-719-903-27	(E,Saudi Arabia)...DIODE 1SS168
D067	8-719-903-27	DIODE 1SS168
D068	8-719-903-27	(E,Saudi Arabia)...DIODE 1SS168
D069	8-719-903-27	(AEP,UK)....DIODE 1SS168
D101	8-719-000-26	DIODE US1060M
D201	8-719-301-38	DIODE SEL2210S-C
D202	8-719-000-26	DIODE US1060M
D203	8-719-000-26	DIODE US1060M
D204	8-719-000-26	DIODE US1060M
D251	8-719-000-26	DIODE US1060M
D252	8-719-000-26	DIODE US1060M
D253	8-719-000-26	DIODE US1060M
D254	8-719-000-26	DIODE US1060M
D255	8-719-000-26	DIODE US1060M
D256	8-719-000-26	DIODE US1060M
D257	8-719-000-26	DIODE US1060M
D258	8-719-000-26	DIODE US1060M
D259	8-719-000-26	DIODE US1060M
D260	8-719-000-26	DIODE US1060M
D261	8-719-000-26	(E,Saudi Arabia)...DIODE US1060M
D262	8-719-000-26	DIODE US1060M
D263	8-719-000-26	DIODE US1060M
D264	8-719-000-26	DIODE US1060M
D265	8-719-000-26	(E,Saudi Arabia)...DIODE US1060M
D266	8-719-000-26	DIODE US1060M
D268	8-719-000-26	DIODE US1060M
D269	8-719-000-26	DIODE US1060M
D270	8-719-000-26	(AEP,UK).....DIODE US1060M
D272	8-719-000-26	DIODE US1060M
D273	8-719-000-26	(AEP)...DIODE US1060M
D291	8-719-910-65	DIODE HZ6B2L
D301	8-719-000-26	DIODE US1060M
D302	8-719-000-26	DIODE US1060M
D303	8-719-000-26	DIODE US1060M
D304	8-719-000-26	DIODE US1060M
D305	8-719-000-26	DIODE US1060M
D306	8-719-000-26	DIODE US1060M
D307	8-719-000-26	DIODE US1060M

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ELECTRICAL PARTS

Ref.No.	Part No.	Description
D308	8-719-000-26	DIODE US1060M
D309	8-719-000-26	DIODE US1060M
D310	8-719-000-26	DIODE US1060M
D311	8-719-000-26	DIODE US1060M
D312	8-719-000-26	DIODE US1060M
D313	8-719-000-26	DIODE US1060M
D314	8-719-000-26	DIODE US1060M
D315	8-719-000-26	DIODE US1060M
D316	8-719-000-26	DIODE US1060M
D317	8-719-000-26	DIODE US1060M
D318	8-719-000-26	DIODE US1060M
D319	8-719-000-26	DIODE US1060M
D320	8-719-000-26	DIODE US1060M
D321	8-719-000-26	DIODE US1060M
D322	8-719-000-26	DIODE US1060M
D351	8-719-200-77	DIODE 10E2N
D352	8-719-910-95	DIODE HZ9B2L
D371	8-719-302-61	DIODE SEL2410GW
D372	8-719-302-61	DIODE SEL2410GW
D373	8-719-302-61	DIODE SEL2410GW
D374	8-719-302-61	DIODE SEL2410GW
D375	8-719-300-82	DIODE SEL2213C
D376	8-719-300-82	DIODE SEL2213C
D401	8-719-000-26	DIODE US1060M
D402	8-719-000-26	DIODE US1060M
D403	8-719-000-26	DIODE US1060M
D501	8-719-301-55	DIODE SEL2813A-C
D502	8-719-301-55	DIODE SEL2813A-C
D503	8-719-301-55	DIODE SEL2813A-C
D504	8-719-301-55	DIODE SEL2813A-C
D505	8-719-300-82	DIODE SEL2213C
D506	8-719-301-38	(E,Saudi Arabia)...DIODE SEL2210S-C
D506	8-719-301-52	(AEP,UK).....DIODE SEL2810A-C
D507	8-719-301-52	DIODE SEL2810A-C
D508	8-719-300-95	(AEP,UK).....DIODE SEL2710K
D508	8-719-301-60	(E,Saudi Arabia)...DIODE SEL2910A-C
D509	8-719-300-95	DIODE SEL2710K
D510	8-719-300-95	(AEP,UK).....DIODE SEL2710K
D510	8-719-301-43	(E,Saudi Arabia)...DIODE SEL2410E-C
D511	8-719-301-38	(E,Saudi Arabia)...DIODE SEL2210S-C
D511	8-719-301-52	(AEP,UK).....DIODE SEL2810A-C
D512	8-719-301-52	DIODE SEL2810A-C
D513	8-719-300-95	(AEP,UK).....DIODE SEL2710K
D513	8-719-301-60	(E,Saudi Arabia)...DIODE SEL2910A-C
D514	8-719-300-95	DIODE SEL2710K
D515	8-719-300-95	(AEP,UK).....DIODE SEL2710K
D515	8-719-301-43	(E,Saudi Arabia)...DIODE SEL2410E-C
D516	8-719-301-38	(E,Saudi Arabia)...DIODE SEL2210S-C
D516	8-719-301-52	(AEP,UK).....DIODE SEL2810A-C
D517	8-719-301-52	DIODE SEL2810A-C
D518	8-719-300-95	(AEP,UK).....DIODE SEL2710K
D518	8-719-301-60	(E,Saudi Arabia)...DIODE SEL2910A-C
D519	8-719-300-95	DIODE SEL2710K
D520	8-719-300-95	(AEP,UK).....DIODE SEL2710K
D520	8-719-301-43	(E,Saudi Arabia)...DIODE SEL2410E-C

ELECTRICAL PARTS

Ref.No.	Part No.	Description
D521	8-719-301-38	(E,Saudi Arabia)...DIODE SEL2210S-C
D521	8-719-301-52	(AEP,UK).....DIODE SEL2810A-C
D522	8-719-301-52	DIODE SEL2810A-C
D523	8-719-300-95	(AEP,UK).....DIODE SEL2710K
D523	8-719-301-60	(E,Saudi Arabia)...DIODE SEL2910A-C
D524	8-719-300-95	DIODE SEL2710K
D525	8-719-300-95	(AEP,UK).....DIODE SEL2710K
D525	8-719-301-43	(E,Saudi Arabia)...DIODE SEL2410E-C
D526	8-719-301-38	(E,Saudi Arabia)...DIODE SEL2210S-C
D526	8-719-301-52	(AEP,UK).....DIODE SEL2810A-C
D527	8-719-301-52	DIODE SEL2810A-C
D528	8-719-300-95	(AEP,UK).....DIODE SEL2710K
D528	8-719-301-60	(E,Saudi Arabia)...DIODE SEL2910A-C
D529	8-719-300-95	DIODE SEL2710K
D530	8-719-300-95	(AEP,UK).....DIODE SEL2710K
D530	8-719-301-43	(E,Saudi Arabia)...DIODE SEL2410E-C
D701	8-719-000-26	DIODE US1060M
D702	8-719-000-26	DIODE US1060M
D901	8-719-302-38	DIODE RBV-602-01
D902	8-719-200-77	DIODE 10E2N
D903	8-719-200-77	DIODE 10E2N
D904	8-719-200-77	DIODE 10E2N
D905	8-719-200-77	DIODE 10E2N
D906	8-719-910-75	DIODE HZ7B2L
D907	8-719-910-72	DIODE HZ7A2L
D908	8-719-910-25	DIODE HZ12B2L
F701	1-532-657-00	BREAKER, CIRCUIT
F801	1-532-657-00	BREAKER, CIRCUIT
F901	⚠1-532-259-00	(AEP,Saudi Arabia)...FUSE, TIME-LAG
F902	⚠1-532-259-00	(AEP,Saudi Arabia)...FUSE, TIME-LAG
HE903	3-390-114-01	ROTATION ASSY (RP)
HP901	3-390-116-01	ROTATION ASSY (P)
HRP902	3-390-114-01	ROTATION ASSY (RP)
IC051	8-759-812-45	IC LA1245
IC101	8-759-812-31	IC LA1231
IC201	8-759-801-80	IC LA3401
IC251	8-759-207-44	(AEP,UK).....IC TC9302AF-017
IC251	8-759-207-76	(E,Saudi Arabia)...IC TC9302AF-005
IC252	8-759-202-63	IC TC9172P
IC301	8-759-112-93	IC UPC4570HA-1
IC302	8-759-112-93	IC UPC4570HA-1
IC303	8-759-100-53	IC CX-174-3
IC304	8-759-601-02	IC M5218P
IC305	8-759-905-47	IC BA338
IC306	8-759-601-06	IC M4001BP
IC307	8-759-601-45	IC M4069UBP
IC403	8-759-100-53	IC CX-174-3
IC501	8-759-602-04	IC M5226P
IC502	8-759-600-02	IC M5218L
IC503	8-759-917-42	IC IR2E31A
IC504	8-759-917-42	IC IR2E31A
IC505	8-759-917-42	IC IR2E31A
IC506	8-759-917-42	IC IR2E31A
IC507	8-759-917-42	IC IR2E31A
IC601	8-759-602-04	IC M5226P
IC701	8-759-601-02	IC M5218P
IC702	8-749-900-34	(E,Saudi Arabia)...IC STK4182MK2
IC702	8-749-941-52	(AEP,UK).....IC STK4152II

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ELECTRICAL PARTS

Ref.No.	Part No.	Description
J701	1-507-849-00	JACK, LARGE TYPE (HEADPHONES)
J702	1-507-857-00	JACK, LARGE TYPE (MIC)
L001	*1-422-214-11	COIL, AIR-CORE
L002	*1-422-040-00	COIL, AIR-CORE (FM RF)
L003	*1-422-069-00	COIL, AIR-CORE (FM RF)
L004	*1-422-039-00	COIL, AIR-CORE
L005	*1-459-396-00	COIL (WITH CORE)(FM OSC)
L006	1-408-902-21	(AEP,UK)...MICRO INDUCTOR 0.47UH
L052	1-408-551-00	MICRO INDUCTOR 1UH
L053	1-408-576-21	(E,Saudi Arabia)..MICRO INDUCTOR 120UH
L054	1-408-555-00	(AEP,UK).....MICRO INDUCTOR 2.2UH
L054	1-408-902-21	(E,Saudi Arabia)..MICRO INDUCTOR 0.47UH
L055	1-408-579-00	(E,Saudi Arabia)..MICRO INDUCTOR 220UH
L056	1-408-579-00	(E,Saudi Arabia)..MICRO INDUCTOR 220UH
L057	1-408-579-00	(E,Saudi Arabia)..MICRO INDUCTOR 220UH
L058	1-408-579-00	(E,Saudi Arabia)..MICRO INDUCTOR 220UH
L059	1-408-579-00	(E,Saudi Arabia)..MICRO INDUCTOR 220UH
L060	1-408-579-00	(E,Saudi Arabia)..MICRO INDUCTOR 220UH
L061	1-408-579-00	(E,Saudi Arabia)..MICRO INDUCTOR 220UH
L062	1-408-224-00	MICRO INDUCTOR 47MMH
L063	1-408-224-00	(AEP,UK)...MICRO INDUCTOR 47MMH
L064	1-408-224-00	(AEP,UK)...MICRO INDUCTOR 47MMH
L201	1-408-924-00	MICRO INDUCTOR 10MMH
L202	1-408-924-00	MICRO INDUCTOR 10MMH
L301	1-408-928-00	MICRO INDUCTOR 22MMH
L302	1-408-919-11	MICRO INDUCTOR 3.9MMH
L303	1-408-928-00	MICRO INDUCTOR 22MMH
L401	1-408-928-00	MICRO INDUCTOR 22MMH
L402	1-408-919-11	MICRO INDUCTOR 3.9MMH
L403	1-408-928-00	MICRO INDUCTOR 22MMH
LCD251	1-807-847-11	DISPLAY PANEL, LIQUID CRYSTAL
M1	3-390-108-01	MOTOR ASSY
M2	3-390-108-01	MOTOR ASSY
PL291	1-518-527-51	LAMP, PILOT
PL292	1-518-527-51	LAMP, PILOT
PM1	1-454-400-11	PLUNGER (AMS)(AMS)
Q001	8-729-353-52	TRANSISTOR 2SC535
Q002	8-729-353-52	TRANSISTOR 2SC535
Q003	8-729-672-43	TRANSISTOR 2SC2724-D
Q004	8-729-672-43	TRANSISTOR 2SC2724-D
Q051	8-729-600-27	TRANSISTOR 2SC634SP
Q052	8-729-806-34	TRANSISTOR 2SC3400
Q053	8-729-806-16	TRANSISTOR 2SA1346
Q054	8-729-806-34	TRANSISTOR 2SC3400
Q055	8-729-806-16	TRANSISTOR 2SA1346
Q056	8-729-806-34	(E,Saudi Arabia)...TRANSISTOR 2SC3400
Q057	8-729-806-16	(E,Saudi Arabia)...TRANSISTOR 2SA1346
Q058	8-729-600-27	(AEP,UK).....TRANSISTOR 2SC634SP
Q059	8-729-600-27	(AEP,UK).....TRANSISTOR 2SC634SP
Q101	8-729-672-42	TRANSISTOR 2SC2724-C
Q201	8-729-806-34	TRANSISTOR 2SC3400
Q202	8-729-806-34	TRANSISTOR 2SC3400
Q251	8-729-201-56	TRANSISTOR 2SK246GR2
Q252	8-729-600-27	TRANSISTOR 2SC634SP

ELECTRICAL PARTS

Ref.No.	Part No.	Description
Q253	8-729-201-56	TRANSISTOR 2SK246GR2
Q254	8-729-600-27	TRANSISTOR 2SC634SP
Q291	8-729-806-34	TRANSISTOR 2SC3400
Q292	8-729-806-16	TRANSISTOR 2SA1346
Q293	8-729-806-16	TRANSISTOR 2SA1346
Q294	8-729-600-27	TRANSISTOR 2SC634SP
Q295	8-729-600-27	TRANSISTOR 2SC634SP
Q296	8-729-806-16	TRANSISTOR 2SA1346
Q301	8-729-115-81	TRANSISTOR BA1F4N
Q302	8-729-115-81	TRANSISTOR BA1F4N
Q303	8-729-115-23	TRANSISTOR BN1L3N
Q304	8-729-115-23	TRANSISTOR BN1L3N
Q305	8-729-115-81	TRANSISTOR BA1F4N
Q306	8-729-115-81	TRANSISTOR BA1F4N
Q307	8-729-115-81	TRANSISTOR BA1F4N
Q308	8-729-115-81	TRANSISTOR BA1F4N
Q309	8-729-115-81	TRANSISTOR BA1F4N
Q310	8-729-600-27	TRANSISTOR 2SC634SP
Q311	8-729-115-23	TRANSISTOR BN1L3N
Q312	8-729-115-23	TRANSISTOR BN1L3N
Q313	8-729-600-27	TRANSISTOR 2SC634SP
Q314	8-729-658-32	TRANSISTOR 2SC1583
Q315	8-729-115-81	TRANSISTOR BA1F4N
Q316	8-729-600-27	TRANSISTOR 2SC634SP
Q317	8-729-600-27	TRANSISTOR 2SC634SP
Q318	8-729-600-27	TRANSISTOR 2SC634SP
Q319	8-729-600-27	TRANSISTOR 2SC634SP
Q320	8-729-600-27	TRANSISTOR 2SC634SP
Q321	8-729-115-81	TRANSISTOR BA1F4N
Q322	8-729-177-43	TRANSISTOR 2SD774
Q323	8-729-117-54	TRANSISTOR 2SA1175
Q324	8-729-117-54	TRANSISTOR 2SA1175
Q325	8-729-600-27	TRANSISTOR 2SC634SP
Q326	8-729-600-27	TRANSISTOR 2SC634SP
Q327	8-729-115-81	TRANSISTOR BA1F4N
Q401	8-729-115-81	TRANSISTOR BA1F4N
Q402	8-729-115-81	TRANSISTOR BA1F4N
Q403	8-729-115-23	TRANSISTOR BN1L3N
Q404	8-729-115-23	TRANSISTOR BN1L3N
Q405	8-729-115-81	TRANSISTOR BA1F4N
Q406	8-729-115-81	TRANSISTOR BA1F4N
Q407	8-729-115-81	TRANSISTOR BA1F4N
Q408	8-729-115-81	TRANSISTOR BA1F4N
Q409	8-729-115-81	TRANSISTOR BA1F4N
Q410	8-729-600-27	TRANSISTOR 2SC634SP
Q411	8-729-115-23	TRANSISTOR BN1L3N
Q412	8-729-115-23	TRANSISTOR BN1L3N
Q501	8-729-115-81	TRANSISTOR BA1F4N
Q502	8-729-117-54	TRANSISTOR 2SA1175
Q601	8-729-115-81	TRANSISTOR BA1F4N
Q701	8-729-600-27	TRANSISTOR 2SC634SP
Q702	8-729-600-27	TRANSISTOR 2SC634SP
Q801	8-729-600-27	TRANSISTOR 2SC634SP
Q802	8-729-600-27	TRANSISTOR 2SC634SP
Q901	8-729-107-26	TRANSISTOR 2SD1585-K
Q902	8-729-107-26	TRANSISTOR 2SD1585-K
Q903	8-729-107-26	TRANSISTOR 2SD1585-K
Q904	8-729-600-27	TRANSISTOR 2SC634SP

ELECTRICAL PARTS

Ref.No.	Part No.	Description
Q905	8-729-117-54	TRANSISTOR 2SA1175
Q906	8-729-600-27	TRANSISTOR 2SC634SP
R001	1-249-441-11	CARBON 100K 5% 1/6W
R002	1-215-491-00	CARBON 820K 5% 1/6W
R003	1-249-405-11	CARBON 100 5% 1/6W
R004	1-249-401-11	CARBON 47 5% 1/6W
R005	1-249-405-11	CARBON 100 5% 1/6W
R006	1-249-441-11	CARBON 100K 5% 1/6W
R007	1-215-491-00	CARBON 820K 5% 1/6W
R008	1-249-411-11	CARBON 330 5% 1/6W
R009	1-249-405-11	CARBON 100 5% 1/6W
R010	1-249-429-11	CARBON 10K 5% 1/6W
R011	1-249-422-11	CARBON 2.7K 5% 1/6W
R012	1-249-428-11	CARBON 8.2K 5% 1/6W
R013	1-249-431-11	CARBON 15K 5% 1/6W
R014	1-215-483-00	CARBON 390K 5% 1/6W
R015	1-249-405-11	CARBON 100 5% 1/6W
R041	1-249-413-11	(AEP,UK)...CARBON 470 5% 1/6W
R041	1-249-423-11	(E,Saudi Arabia)...CARBON 3.3K 5% 1/6W
R042	1-249-413-11	(AEP,UK)...CARBON 470 5% 1/6W
R043	1-249-413-11	(AEP,UK)...CARBON 470 5% 1/6W
R045	1-249-433-11	(AEP,UK)...CARBON 22K 5% 1/6W
R046	1-249-433-11	(AEP,UK)...CARBON 22K 5% 1/6W
R052	1-249-430-11	(E,Saudi Arabia)...CARBON 12K 5% 1/6W
R053	1-249-429-11	CARBON 10K 5% 1/6W
R054	1-249-429-11	(AEP,UK)...CARBON 10K 5% 1/6W
R054	1-249-441-11	(E,Saudi Arabia)...CARBON 100K 5% 1/6W
R055	1-249-430-11	(E,Saudi Arabia)...CARBON 12K 5% 1/6W
R056	1-249-430-11	(E,Saudi Arabia)...CARBON 12K 5% 1/6W
R057	1-249-430-11	(E,Saudi Arabia)...CARBON 12K 5% 1/6W
R058	1-249-430-11	(E,Saudi Arabia)...CARBON 12K 5% 1/6W
R059	1-249-429-11	CARBON 10K 5% 1/6W
R060	1-249-429-11	CARBON 10K 5% 1/6W
R061	1-249-425-11	(E,Saudi Arabia)...CARBON 4.7K 5% 1/6W
R062	1-249-430-11	(E,Saudi Arabia)...CARBON 12K 5% 1/6W
R063	1-249-430-11	(E,Saudi Arabia)...CARBON 12K 5% 1/6W
R064	1-249-430-11	(E,Saudi Arabia)...CARBON 12K 5% 1/6W
R065	1-249-425-11	(E,Saudi Arabia)...CARBON 4.7K 5% 1/6W
R066	1-249-414-11	(E,Saudi Arabia)...CARBON 560 5% 1/6W
R067	1-249-430-11	(E,Saudi Arabia)...CARBON 12K 5% 1/6W
R071	1-249-421-11	CARBON 2.2K 5% 1/6W
R072	1-249-405-11	CARBON 100 5% 1/6W
R073	1-249-414-11	CARBON 560 5% 1/6W
R074	1-249-423-11	CARBON 3.3K 5% 1/6W
R075	1-249-405-11	CARBON 100 5% 1/6W
R076	1-249-429-11	CARBON 10K 5% 1/6W
R077	1-249-407-11	(E,Saudi Arabia)...CARBON 150 5% 1/6W
R077	1-249-410-11	(AEP,UK)...CARBON 270 5% 1/6W
R078	1-249-429-11	CARBON 10K 5% 1/6W
R079	1-249-429-11	CARBON 10K 5% 1/6W
R080	1-249-401-11	CARBON 47 5% 1/6W
R081	1-249-430-11	CARBON 12K 5% 1/6W
R082	1-249-429-11	CARBON 10K 5% 1/6W
R083	1-249-433-11	CARBON 22K 5% 1/6W
R101	1-249-399-11	CARBON 33 5% 1/6W
R102	1-215-491-00	CARBON 820K 5% 1/6W
R103	1-249-411-11	CARBON 330 5% 1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description
R104	1-249-411-11	CARBON 330 5% 1/6W
R105	1-249-438-11	CARBON 56K 5% 1/6W
R106	1-249-417-11	CARBON 1K 5% 1/6W
R107	1-249-431-11	CARBON 15K 5% 1/6W
R108	1-249-433-11	CARBON 22K 5% 1/6W
R109	1-249-431-11	CARBON 15K 5% 1/6W
R110	1-249-401-11	CARBON 47 5% 1/6W
R111	1-249-441-11	CARBON 100K 5% 1/6W
R112	1-249-429-11	CARBON 10K 5% 1/6W
R113	1-249-401-11	CARBON 47 5% 1/6W
R201	1-249-417-11	CARBON 1K 5% 1/6W
R202	1-249-438-11	CARBON 56K 5% 1/6W
R203	1-249-437-11	CARBON 47K 5% 1/6W
R204	1-249-437-11	CARBON 47K 5% 1/6W
R205	1-249-419-11	CARBON 1.5K 5% 1/6W
R206	1-249-419-11	CARBON 1.5K 5% 1/6W
R207	1-249-429-11	CARBON 10K 5% 1/6W
R208	1-249-429-11	CARBON 10K 5% 1/6W
R209	1-249-437-11	CARBON 47K 5% 1/6W
R210	1-249-437-11	CARBON 47K 5% 1/6W
R211	1-249-437-11	CARBON 47K 5% 1/6W
R212	1-249-418-11	CARBON 1.2K 5% 1/6W
R213	1-249-435-11	CARBON 33K 5% 1/6W
R214	1-249-423-11	CARBON 3.3K 5% 1/6W
R215	1-249-401-11	CARBON 47 5% 1/6W
R216	1-249-437-11	CARBON 47K 5% 1/6W
R217	1-249-421-11	CARBON 2.2K 5% 1/6W
R218	1-249-421-11	CARBON 2.2K 5% 1/6W
R251	1-249-425-11	CARBON 4.7K 5% 1/6W
R253	1-249-441-11	CARBON 100K 5% 1/6W
R254	1-249-423-11	CARBON 3.3K 5% 1/6W
R255	1-249-435-11	CARBON 33K 5% 1/6W
R256	1-249-441-11	CARBON 100K 5% 1/6W
R257	1-247-891-00	CARBON 330K 5% 1/6W
R258	1-249-441-11	CARBON 100K 5% 1/6W
R259	1-249-437-11	CARBON 47K 5% 1/6W
R260	1-249-435-11	CARBON 33K 5% 1/6W
R261	1-249-414-11	CARBON 560 5% 1/6W
R262	1-249-416-11	CARBON 820 5% 1/6W
R263	1-249-410-11	CARBON 270 5% 1/6W
R264	1-249-421-11	CARBON 2.2K 5% 1/6W
R265	1-249-425-11	CARBON 4.7K 5% 1/6W
R266	1-249-425-11	CARBON 4.7K 5% 1/6W
R267	1-249-437-11	CARBON 47K 5% 1/6W
R268	1-247-885-00	(AEP,UK)...CARBON 180K 5% 1/6W
R268	1-249-435-11	(E,Saudi Arabia)...CARBON 33K 5% 1/6W
R269	1-249-414-11	CARBON 560 5% 1/6W
R270	1-249-416-11	CARBON 820 5% 1/6W
R271	1-249-410-11	CARBON 270 5% 1/6W
R272	1-249-421-11	CARBON 2.2K 5% 1/6W
R273	1-249-425-11	CARBON 4.7K 5% 1/6W
R274	1-249-425-11	CARBON 4.7K 5% 1/6W
R275	1-249-401-11	CARBON 47 5% 1/6W
R276	1-249-400-11	CARBON 39 5% 1/6W
R291	1-249-413-11	CARBON 470 5% 1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R292	1-249-437-11	CARBON	47K	5%	1/6W
R293	1-249-437-11	CARBON	47K	5%	1/6W
R294	1-249-428-11	CARBON	8.2K	5%	1/6W
R301	1-215-487-00	CARBON	560K	5%	1/6W
R302	1-249-433-11	CARBON	22K	5%	1/6W
R303	1-215-487-00	CARBON	560K	5%	1/6W
R304	1-249-421-11	CARBON	2.2K	5%	1/6W
R305	1-249-423-11	CARBON	3.3K	5%	1/6W
R306	1-249-437-11	CARBON	47K	5%	1/6W
R307	1-249-437-11	CARBON	47K	5%	1/6W
R308	1-215-487-00	CARBON	560K	5%	1/6W
R309	1-249-433-11	CARBON	22K	5%	1/6W
R310	1-215-487-00	CARBON	560K	5%	1/6W
R311	1-249-421-11	CARBON	2.2K	5%	1/6W
R312	1-249-422-11	CARBON	2.7K	5%	1/6W
R313	1-249-437-11	CARBON	47K	5%	1/6W
R314	1-249-437-11	CARBON	47K	5%	1/6W
R315	1-249-437-11	CARBON	47K	5%	1/6W
R316	1-249-429-11	CARBON	10K	5%	1/6W
R317	1-215-478-00	CARBON	240K	5%	1/6W
R318	1-215-478-00	CARBON	240K	5%	1/6W
R319	1-249-431-11	CARBON	15K	5%	1/6W
R320	1-249-405-11	CARBON	100	5%	1/6W
R321	1-215-440-00	CARBON	6.2K	5%	1/6W
R322	1-249-418-11	CARBON	1.2K	5%	1/6W
R323	1-249-414-11	CARBON	560	5%	1/6W
R324	1-215-487-00	CARBON	560K	5%	1/6W
R325	1-249-437-11	CARBON	47K	5%	1/6W
R326	1-249-433-11	CARBON	22K	5%	1/6W
R327	1-249-433-11	CARBON	22K	5%	1/6W
R328	1-249-423-11	CARBON	3.3K	5%	1/6W
R329	1-249-441-11	CARBON	100K	5%	1/6W
R330	1-249-441-11	CARBON	100K	5%	1/6W
R331	1-249-429-11	CARBON	10K	5%	1/6W
R333	1-249-401-11	CARBON	47	5%	1/6W
R334	1-249-414-11	CARBON	560	5%	1/6W
R335	1-249-423-11	CARBON	3.3K	5%	1/6W
R336	1-249-437-11	CARBON	47K	5%	1/6W
R337	1-249-433-11	CARBON	22K	5%	1/6W
R338	1-249-414-11	CARBON	560	5%	1/6W
R339	1-249-429-11	CARBON	10K	5%	1/6W
R340	1-249-429-11	CARBON	10K	5%	1/6W
R341	1-249-417-11	CARBON	1K	5%	1/6W
R342	1-249-441-11	CARBON	100K	5%	1/6W
R343	1-249-431-11	CARBON	15K	5%	1/6W
R344	1-249-421-11	CARBON	2.2K	5%	1/6W
R345	1-249-418-11	CARBON	1.2K	5%	1/6W
R346	1-249-437-11	CARBON	47K	5%	1/6W
R347	1-249-437-11	CARBON	47K	5%	1/6W
R348	1-249-437-11	CARBON	47K	5%	1/6W
R349	1-249-440-11	(E,Saudi Arabia)...CARBON	82K	5%	1/6W
R349	1-249-441-11	(AEP,UK)...CARBON	100K	5%	1/6W
R350	1-249-437-11	CARBON	47K	5%	1/6W
R351	1-249-437-11	CARBON	47K	5%	1/6W
R352	1-249-421-11	CARBON	2.2K	5%	1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R361	1-247-702-11	CARBON	150	5%	1/4W
R362	1-249-437-11	CARBON	47K	5%	1/6W
R363	1-249-421-11	CARBON	2.2K	5%	1/6W
R364	1-249-421-11	CARBON	2.2K	5%	1/6W
R365	1-249-433-11	CARBON	22K	5%	1/6W
R366	1-215-493-00	CARBON	1M	5%	1/6W
R367	1-215-493-00	CARBON	1M	5%	1/6W
R368	1-249-441-11	CARBON	100K	5%	1/6W
R369	1-249-421-11	CARBON	2.2K	5%	1/6W
R370	1-249-421-11	CARBON	2.2K	5%	1/6W
R371	1-249-429-11	CARBON	10K	5%	1/6W
R372	1-249-429-11	CARBON	10K	5%	1/6W
R373	1-249-437-11	CARBON	47K	5%	1/6W
R374	1-247-711-11	CARBON	680	5%	1/4W
R375	1-247-711-11	CARBON	680	5%	1/4W
R376	1-249-425-11	CARBON	4.7K	5%	1/6W
R377	1-249-423-11	CARBON	3.3K	5%	1/6W
R378	1-249-419-11	CARBON	1.5K	5%	1/6W
R379	1-249-437-11	CARBON	47K	5%	1/6W
R380	1-249-423-11	CARBON	3.3K	5%	1/6W
R381	1-249-417-11	CARBON	1K	5%	1/6W
R382	1-249-431-11	CARBON	15K	5%	1/6W
R383	1-249-427-11	CARBON	6.8K	5%	1/6W
R384	1-249-437-11	CARBON	47K	5%	1/6W
R385	1-247-711-11	CARBON	680	5%	1/4W
R386	1-247-711-11	CARBON	680	5%	1/4W
R387	1-249-425-11	CARBON	4.7K	5%	1/6W
R388	1-247-708-11	CARBON	470	5%	1/4W
R389	1-249-437-11	CARBON	47K	5%	1/6W
R390	1-249-437-11	CARBON	47K	5%	1/6W
R391	1-249-437-11	CARBON	47K	5%	1/6W
R392	1-249-429-11	CARBON	10K	5%	1/6W
R393	1-249-423-11	CARBON	3.3K	5%	1/6W
R394	1-249-419-11	CARBON	1.5K	5%	1/6W
R395	1-249-431-11	CARBON	15K	5%	1/6W
R396	1-249-427-11	CARBON	6.8K	5%	1/6W
R397	1-249-437-11	CARBON	47K	5%	1/6W
R398	1-249-429-11	CARBON	10K	5%	1/6W
R399	1-249-429-11	CARBON	10K	5%	1/6W
R400	1-247-708-11	CARBON	470	5%	1/4W
R401	1-215-487-00	CARBON	560K	5%	1/6W
R402	1-249-433-11	CARBON	22K	5%	1/6W
R403	1-215-487-00	CARBON	560K	5%	1/6W
R404	1-249-421-11	CARBON	2.2K	5%	1/6W
R405	1-249-423-11	CARBON	3.3K	5%	1/6W
R406	1-249-437-11	CARBON	47K	5%	1/6W
R407	1-249-437-11	CARBON	47K	5%	1/6W
R408	1-215-487-00	CARBON	560K	5%	1/6W
R409	1-249-433-11	CARBON	22K	5%	1/6W
R410	1-215-487-00	CARBON	560K	5%	1/6W
R411	1-249-421-11	CARBON	2.2K	5%	1/6W
R412	1-249-422-11	CARBON	2.7K	5%	1/6W
R413	1-249-437-11	CARBON	47K	5%	1/6W
R414	1-249-437-11	CARBON	47K	5%	1/6W
R415	1-249-437-11	CARBON	47K	5%	1/6W
R416	1-249-429-11	CARBON	10K	5%	1/6W
R417	1-215-478-00	CARBON	240K	5%	1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R418	1-215-478-00	CARBON	240K	5%	1/6W
R419	1-249-431-11	CARBON	15K	5%	1/6W
R420	1-249-405-11	CARBON	100	5%	1/6W
R421	1-215-440-00	CARBON	6.2K	5%	1/6W
R422	1-249-418-11	CARBON	1.2K	5%	1/6W
R423	1-249-414-11	CARBON	560	5%	1/6W
R424	1-215-487-00	CARBON	560K	5%	1/6W
R425	1-249-437-11	CARBON	47K	5%	1/6W
R426	1-249-433-11	CARBON	22K	5%	1/6W
R427	1-249-433-11	CARBON	22K	5%	1/6W
R428	1-249-423-11	CARBON	3.3K	5%	1/6W
R429	1-249-441-11	CARBON	100K	5%	1/6W
R430	1-249-441-11	CARBON	100K	5%	1/6W
R431	1-249-429-11	CARBON	10K	5%	1/6W
R433	1-249-401-11	CARBON	47	5%	1/6W
R434	1-249-414-11	CARBON	560	5%	1/6W
R435	1-249-423-11	CARBON	3.3K	5%	1/6W
R436	1-249-437-11	CARBON	47K	5%	1/6W
R437	1-249-433-11	CARBON	22K	5%	1/6W
R438	1-249-414-11	CARBON	560	5%	1/6W
R439	1-249-429-11	CARBON	10K	5%	1/6W
R441	1-249-417-11	CARBON	1K	5%	1/6W
R442	1-249-441-11	CARBON	100K	5%	1/6W
R443	1-249-431-11	CARBON	15K	5%	1/6W
R444	1-249-421-11	CARBON	2.2K	5%	1/6W
R445	1-249-418-11	CARBON	1.2K	5%	1/6W
R446	1-249-437-11	CARBON	47K	5%	1/6W
R447	1-249-437-11	CARBON	47K	5%	1/6W
R448	1-249-437-11	CARBON	47K	5%	1/6W
R449	1-249-440-11	(E,Saudi Arabia)...CARBON	82K	5%	1/6W
R449	1-249-441-11	(E,AEP)....CARBON	100K	5%	1/6W
R450	1-249-437-11	CARBON	47K	5%	1/6W
R451	1-249-437-11	CARBON	47K	5%	1/6W
R452	1-249-421-11	CARBON	2.2K	5%	1/6W
R461	1-249-436-11	CARBON	39K	5%	1/6W
R462	1-249-436-11	CARBON	39K	5%	1/6W
R463 ⚠	1-217-387-00	FUSIBLE	10	5%	1/4W F
R464	1-249-429-11	CARBON	10K	5%	1/6W
R465	1-215-493-00	CARBON	1M	5%	1/6W
R466	1-215-493-00	CARBON	1M	5%	1/6W
R467	1-249-437-11	CARBON	47K	5%	1/6W
R468	1-249-437-11	CARBON	47K	5%	1/6W
R469	1-249-437-11	CARBON	47K	5%	1/6W
R470	1-249-425-11	CARBON	4.7K	5%	1/6W
R471	1-249-437-11	CARBON	47K	5%	1/6W
R472	1-215-487-00	CARBON	560K	5%	1/6W
R473	1-249-421-11	CARBON	2.2K	5%	1/6W
R474	1-249-421-11	CARBON	2.2K	5%	1/6W
R475	1-249-429-11	CARBON	10K	5%	1/6W
R476	1-249-429-11	CARBON	10K	5%	1/6W
R477	1-249-417-11	CARBON	1K	5%	1/6W
R478	1-249-405-11	CARBON	100	5%	1/6W
R479	1-249-429-11	CARBON	10K	5%	1/6W
R480	1-249-441-11	CARBON	100K	5%	1/6W
R501	1-249-437-11	CARBON	47K	5%	1/6W
R502	1-249-425-11	CARBON	4.7K	5%	1/6W
R503	1-249-429-11	CARBON	10K	5%	1/6W
R504	1-249-434-11	CARBON	27K	5%	1/6W

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R505	1-249-429-11	CARBON	10K	5%	1/6W
R506	1-249-405-11	CARBON	100	5%	1/6W
R507	1-249-435-11	CARBON	33K	5%	1/6W
R508	1-249-425-11	CARBON	4.7K	5%	1/6W
R509	1-249-429-11	CARBON	10K	5%	1/6W
R510	1-249-441-11	CARBON	100K	5%	1/6W
R511	1-249-437-11	CARBON	47K	5%	1/6W
R512	1-249-437-11	CARBON	47K	5%	1/6W
R513	1-215-466-00	CARBON	75K	5%	1/6W
R514	1-249-429-11	CARBON	10K	5%	1/6W
R515	1-249-441-11	CARBON	100K	5%	1/6W
R516	1-247-700-11	CARBON	100	5%	1/4W
R517	1-249-429-11	CARBON	10K	5%	1/6W
R518	1-249-441-11	CARBON	100K	5%	1/6W
R519	1-247-700-11	CARBON	100	5%	1/4W
R520	1-249-429-11	CARBON	10K	5%	1/6W
R521	1-249-441-11	CARBON	100K	5%	1/6W
R522	1-247-700-11	CARBON	100	5%	1/4W
R523	1-249-429-11	CARBON	10K	5%	1/6W
R524	1-249-441-11	CARBON	100K	5%	1/6W
R525	1-247-700-11	CARBON	100	5%	1/4W
R526	1-249-429-11	CARBON	10K	5%	1/6W
R527	1-249-441-11	CARBON	100K	5%	1/6W
R528	1-247-700-11	CARBON	100	5%	1/4W
R529	1-247-746-11	CARBON	390	5%	1/2W
R530	1-249-441-11	CARBON	100K	5%	1/6W
R531	1-247-708-11	CARBON	470	5%	1/4W
R532	1-249-431-11	CARBON	15K	5%	1/6W
R533	1-249-405-11	CARBON	100	5%	1/6W
R534	1-247-849-00	CARBON	5.6K	5%	1/6W
R601	1-249-437-11	CARBON	47K	5%	1/6W
R602	1-249-425-11	CARBON	4.7K	5%	1/6W
R603	1-249-429-11	CARBON	10K	5%	1/6W
R604	1-249-434-11	CARBON	27K	5%	1/6W
R632	1-249-431-11	CARBON	15K	5%	1/6W
R634	1-247-849-00	CARBON	5.6K	5%	1/6W
R701	1-249-417-11	CARBON	1K	5%	1/6W
R702	1-249-438-11	CARBON	56K	5%	1/6W
R703	1-249-408-11	(AEP,UK)...CARBON	180	5%	1/6W
R703	1-249-409-11	(E,Saudi Arabia)...CARBON	220	5%	1/6W
R704	1-249-438-11	CARBON	56K	5%	1/6W
R705	1-247-756-11	(AEP,UK)...CARBON	2.2K	5%	1/2W
R705	1-247-758-11	(E,Saudi Arabia)...CARBON	3.3K	5%	1/2W
R706	1-247-756-11	(AEP,UK)...CARBON	2.2K	5%	1/2W
R706	1-247-758-11	(E,Saudi Arabia)...CARBON	3.3K	5%	1/2W
R707 ⚠	1-217-399-00	FUSIBLE	100	5%	1/4W F
R708	1-247-752-11	CARBON	1K	5%	1/2W
R709	1-247-752-11	CARBON	1K	5%	1/2W
R710	1-249-417-11	CARBON	1K	5%	1/6W
R711	1-247-881-00	(E,Saudi Arabia)...CARBON	120K	5%	1/6W
R711	1-249-441-11	(AEP,UK)...CARBON	100K	5%	1/6W
R712	1-249-429-11	CARBON	10K	5%	1/6W
R713	1-249-428-11	CARBON	8.2K	5%	1/6W
R715	1-249-482-11	CARBON	4.7	5%	1/2W

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R716	⚠ 1-216-431-11	METAL OXIDE	560	5%	1W F
R751	1-249-405-11	CARBON	100	5%	1/6W
R752	1-249-437-11	CARBON	47K	5%	1/6W
R753	1-249-419-11	CARBON	1.5K	5%	1/6W
R754	1-215-489-00	CARBON	680K	5%	1/6W
R755	1-249-437-11	CARBON	47K	5%	1/6W
R756	1-249-421-11	CARBON	2.2K	5%	1/6W
R757	1-249-437-11	CARBON	47K	5%	1/6W
R771	1-249-437-11	CARBON	47K	5%	1/6W
R772	1-215-487-00	CARBON	560K	5%	1/6W
R773	1-249-429-11	CARBON	10K	5%	1/6W
R774	1-249-417-11	CARBON	1K	5%	1/6W
R775	1-249-429-11	CARBON	10K	5%	1/6W
R776	1-249-423-11	CARBON	3.3K	5%	1/6W
R777	1-249-441-11	CARBON	100K	5%	1/6W
R778	1-249-433-11	CARBON	22K	5%	1/6W
R779	1-249-423-11	CARBON	3.3K	5%	1/6W
R780	1-249-409-11	CARBON	220	5%	1/6W
R781	1-249-441-11	CARBON	100K	5%	1/6W
R782	1-249-425-11	CARBON	4.7K	5%	1/6W
R799	1-249-441-11	CARBON	100K	5%	1/6W
R801	1-249-417-11	CARBON	1K	5%	1/6W
R802	1-249-438-11	CARBON	56K	5%	1/6W
R803	1-249-408-11	(AEP,UK)...CARBON	180	5%	1/6W
R803	1-249-409-11	(E,Saudi Arabia)...CARBON	220	5%	1/6W
R804	1-249-438-11	CARBON	56K	5%	1/6W
R805	1-247-756-11	(AEP,UK)...CARBON	2.2K	5%	1/2W
R805	1-247-758-11	(E,Saudi Arabia)...CARBON	3.3K	5%	1/2W
R806	1-247-756-11	(AEP,UK)...CARBON	2.2K	5%	1/2W
R806	1-247-758-11	(E,Saudi Arabia)...CARBON	3.3K	5%	1/2W
R815	1-249-482-11	CARBON	4.7	5%	1/2W
R816	⚠ 1-216-431-11	METAL OXIDE	560	5%	1W F
R851	1-249-405-11	CARBON	100	5%	1/6W
R852	1-249-437-11	CARBON	47K	5%	1/6W
R853	1-249-419-11	CARBON	1.5K	5%	1/6W
R854	1-215-489-00	CARBON	680K	5%	1/6W
R855	1-249-437-11	CARBON	47K	5%	1/6W
R856	1-249-421-11	CARBON	2.2K	5%	1/6W
R857	1-249-437-11	CARBON	47K	5%	1/6W
R871	1-249-437-11	CARBON	47K	5%	1/6W
R872	1-215-487-00	CARBON	560K	5%	1/6W
R873	1-249-429-11	CARBON	10K	5%	1/6W
R874	1-249-417-11	CARBON	1K	5%	1/6W
R875	1-249-429-11	CARBON	10K	5%	1/6W
R876	1-249-423-11	CARBON	3.3K	5%	1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R877	1-249-441-11	CARBON	100K	5%	1/6W
R878	1-249-433-11	CARBON	22K	5%	1/6W
R879	1-249-423-11	CARBON	3.3K	5%	1/6W
R899	1-249-441-11	CARBON	100K	5%	1/6W
R901	⚠ 1-217-477-00	FUSIBLE	4.7	5%	1W F
R902	1-249-429-11	CARBON	10K	5%	1/6W
R903	1-249-429-11	CARBON	10K	5%	1/6W
R904	⚠ 1-217-430-00	FUSIBLE	4.7	5%	1/2W F
R905	1-249-425-11	CARBON	4.7K	5%	1/6W
R906	1-249-425-11	CARBON	4.7K	5%	1/6W
R907	⚠ 1-217-430-00	FUSIBLE	4.7	5%	1/2W F
R908	1-249-425-11	CARBON	4.7K	5%	1/6W
R909	1-249-425-11	CARBON	4.7K	5%	1/6W
R910	⚠ 1-217-499-00	FUSIBLE	100	5%	1/4W F
R911	⚠ 1-217-469-00	FUSIBLE	1	5%	1W F
RV101	1-228-997-00	RES, ADJ, CARBON 100K			
RV301	1-230-504-11	RES, ADJ, CARBON 220			
RV302	1-230-504-11	RES, ADJ, CARBON 220			
RV303	1-228-997-00	RES, ADJ, CARBON 100K			
RV304	1-228-728-00	RES, ADJ, CARBON 100K			
RV351	1-230-630-11	RES, ADJ, CARBON 10K			
RV352	1-230-630-11	RES, ADJ, CARBON 10K			
RV353	1-230-630-11	RES, ADJ, CARBON 10K			
RV354	1-230-630-11	RES, ADJ, CARBON 10K			
RV401	1-230-504-11	RES, ADJ, CARBON 220			
RV402	1-230-504-11	RES, ADJ, CARBON 220			
RV403	1-228-997-00	RES, ADJ, CARBON 100K			
RV404	1-228-728-00	RES, ADJ, CARBON 100K			
RV501	1-237-205-11	RES, VAR, SLIDE 250K/250K (63Hz)			
RV502	1-237-205-11	RES, VAR, SLIDE 250K/250K (250Hz)			
RV503	1-237-205-11	RES, VAR, SLIDE 250K/250K (1kHz)			
RV504	1-237-205-11	RES, VAR, SLIDE 250K/250K (4kHz)			
RV505	1-237-205-11	RES, VAR, SLIDE 250K/250K (12kHz)			
RV506	1-237-206-11	RES, VAR, SLIDE 50K/50K (VOLUME)			
RV507	1-230-346-11	RES, VAR, SLIDE 250K (BALANCE)			
RV508	1-230-707-11	RES, VAR, SLIDE 50K (MIC LEVEL)			
RY301	1-515-529-11	RELAY			

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

ELECTRICAL PARTS

Ref.No.	Part No.	Description
S1	1-570-305-11	SWITCH, LEAF (E)(70U)
S2	1-570-571-11	SWITCH, LEAF (FWD)
S3	1-570-570-11	SWITCH, LEAF (MOTOR)
S4	1-570-573-11	SWITCH, LEAF (FF/REW)
S5	1-570-572-11	SWITCH, LEAF (MODE)
S6	1-571-185-11	SWITCH, LEAF (DIRECTION)
S7	1-570-572-11	SWITCH, LEAF (REC)
S8	1-570-305-11	SWITCH, LEAF (E)(70U)
S9	1-570-571-11	SWITCH, LEAF (MUTING)
S10	1-570-570-11	SWITCH, LEAF (MOTOR)
S11	1-570-573-11	SWITCH, LEAF (FF/REW)
S12	1-570-572-11	SWITCH, LEAF (DIRECTION)
S13	1-571-185-11	SWITCH, LEAF (DIRECTION)
S251	1-554-303-21	SWITCH, KEY BOARD (PRESET/1)
S252	1-554-303-21	SWITCH, KEY BOARD (PRESET/2)
S253	1-554-303-21	SWITCH, KEY BOARD (PRESET/3)
S254	1-554-303-21	SWITCH, KEY BOARD (PRESET/4)
S255	1-554-303-21	SWITCH, KEY BOARD (PRESET/5)
S256	1-554-303-21	SWITCH, KEY BOARD (TUNING/+)
S257	1-554-303-21	SWITCH, KEY BOARD (TUNING/-)
S258	1-554-303-21	SWITCH, KEY BOARD (MEMORY)
S259	1-554-303-21	SWITCH, KEY BOARD (BAND)
S260	1-554-303-21	SWITCH, KEY BOARD (STEREO/MUTE)
S301	1-554-444-00	SWITCH, PUSH (1 KEY)(DUBBING)
S302	1-554-444-00	SWITCH, PUSH (1 KEY)(SPEED)
S303	1-554-444-00	SWITCH, PUSH (1 KEY)(DOLBY NR)
S304	1-516-870-00	SWITCH, SLIDE (ISS)
S305	1-552-412-00	SWITCH, KEY BOARD (REC MUTE)
S501	1-570-630-11	SWITCH, PUSH (4 KEY) (TAPE,CD/AUX,TUNER,PHONO)
S502	1-554-444-00	SWITCH, PUSH (1 KEY)(DOL)
S901 ⚠	1-553-318-00	SWITCH, PUSH (1 KEY)(POWER)
T051	1-402-222-11	COIL (MW ANT)
T052	1-406-089-11	COIL (MW OSC)
T053	1-404-535-11	COIL (WITH IFT)
T054	1-401-910-00	(E,Saudi Arabia)...COIL (SW1 ANT)
T055	1-405-955-00	(E,Saudi Arabia)...COIL (SW1 OSC)
T055	1-406-090-11	(AEP,UK).....COIL (LW OSC)
T056	1-401-985-00	(E,Saudi Arabia)...COIL (SW2 ANT)
T056	1-402-223-11	(AEP,UK).....COIL (LW ANT)
T057	1-406-106-11	(E,Saudi Arabia)...COIL (SW2 OSC)
T101	1-404-419-00	COIL, DISCRIMINATOR
T301	1-433-312-11	TRANSFORMER, BIAS OSCILLATION

ELECTRICAL PARTS

Ref.No.	Part No.	Description
T901 ⚠	1-448-532-11	(AEP,UK)...TRANSFORMER, POWER
T901 ⚠	1-448-533-11	(E,Saudi Arabia)...TRANSFORMER, POWER
TB001	1-536-708-00	TERMINAL BOARD, PUSH 4P
TB701	1-536-705-00	TERMINAL BOARD (SP)
TP301	*1-560-060-00	PIN, CONNECTOR 2P
TP302	*1-560-061-00	PIN, CONNECTOR 3P
X251	1-567-736-11	VIBRATOR, CRYSTAL
VS901 ⚠	1-526-576-51	(E,Saudi Arabia) ...VOLTAGE SELECTOR SWITCH

ACCESSORY & PACKING MATERIAL

Part No.	Description
1-501-374-11	(AEP)...ANTENNA, LOOP
3-701-630-00	(AEP)...BAG, POLYETHYLENE
3-765-962-11	(AEP)...MANUAL, INSTRUCTION
3-765-962-41	(AEP)...MANUAL, INSTRUCTION
4-909-943-01	SHEET, PROTECTION
4-914-075-01	(AEP)...CUSHION (SP)
4-914-979-01	CUSHION, UPPER
4-914-980-01	CUSHION, LOWER
4-916-860-01	(AEP)...INDIVIDUAL CARTON
4-918-644-01	(UK)....PLATE, SIDE (FOR XO-D5CD)
*4-919-343-01	(AEP)...RETAINER, FOOT

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Audio Group

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